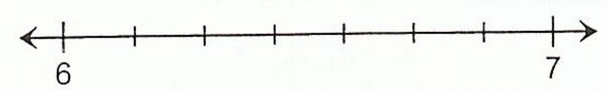
1A

Name _____ Date _____

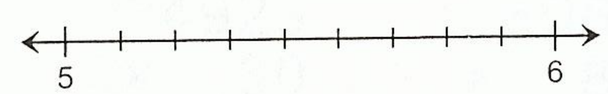
5179 × 39	8377 × 73	1218 × 12	6926 × 44
8880 × 96	5481 × 64	5551 × 78	1095 × 79
804 − 487	5042 − 2396	8805 − 348	3904 − 1677
703 − 546	2041 − 879	302 − 175	8070 − 3785

1B

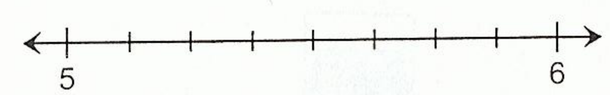
Place a dot on the number line that represents the mixed number below.



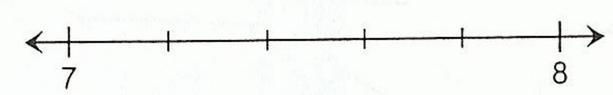
$6\frac{5}{7}$



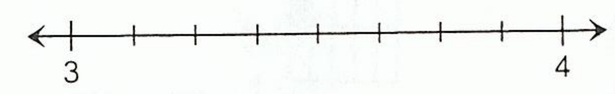
$5\frac{7}{9}$



$5\frac{3}{4}$

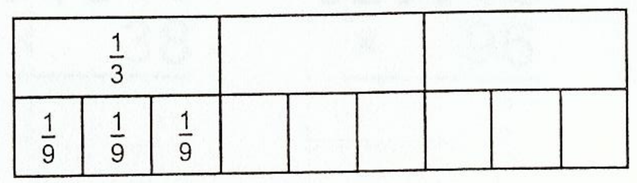


$7\frac{4}{5}$

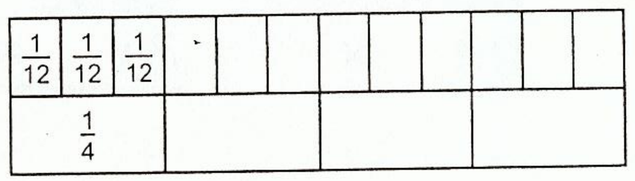


$3\frac{3}{8}$

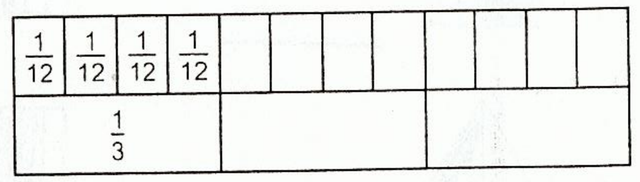
Complete the equivalent fraction



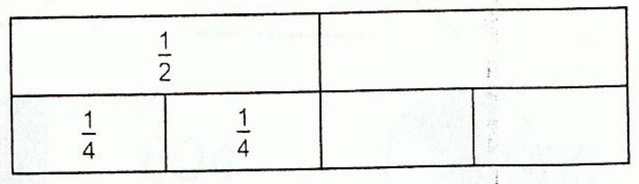
$\frac{1}{} = \frac{3}{9}$



$\frac{3}{12} = \frac{1}{}$



$\frac{}{12} = \frac{1}{3}$



$\frac{1}{2} = \frac{}{4}$

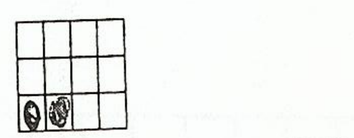
A-PDF Merger DEMO : Purchase from www.A-PDF.com to remove the watermark

1C

Name _____ Date _____

$3\overline{)1629}$ $5\overline{)3180}$ $9\overline{)4545}$

Write the fraction represented by the shaded area of each figure.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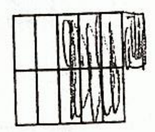
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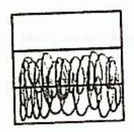
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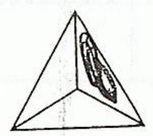
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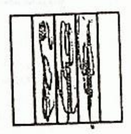
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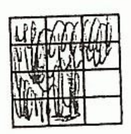
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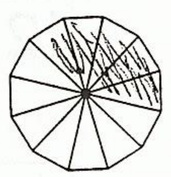
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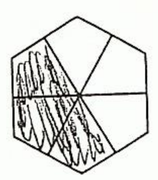
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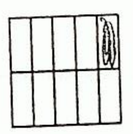

_____

1D

Name _____ Date _____

Simplify each fraction to lowest terms.

$\frac{18}{10} =$ _____ $\frac{10}{20} =$ _____

$\frac{20}{50} =$ _____ $\frac{12}{10} =$ _____

$\frac{3}{12} =$ _____ $\frac{40}{50} =$ _____

$\frac{10}{6} =$ _____ $\frac{24}{20} =$ _____

$\frac{10}{25} =$ _____ $\frac{10}{50} =$ _____

Simplify.

$\frac{25}{10} =$ _____ $\frac{6}{9} =$ _____

$\frac{42}{15} =$ _____ $\frac{30}{50} =$ _____

$\frac{55}{15} =$ _____ $\frac{130}{40} =$ _____

$\frac{9}{12} =$ _____ $\frac{105}{50} =$ _____

$\frac{90}{25} =$ _____ $\frac{80}{30} =$ _____

Name _____ Date 1E

$\frac{5}{6} + \frac{1}{6} =$

$\frac{1}{10} + \frac{1}{10} =$

$\frac{3}{7} + \frac{3}{7} =$

$\frac{3}{8} + \frac{3}{8} =$

$\frac{1}{8} + \frac{3}{8} =$

$\frac{4}{9} + \frac{2}{9} =$

$\frac{1}{5} + \frac{4}{5} =$

$\frac{8}{9} + \frac{5}{9} =$

$\frac{5}{9} + \frac{2}{9} =$

$\frac{3}{10} + \frac{1}{10} =$

$\frac{3}{4} + \frac{5}{8} =$

$\frac{3}{8} + \frac{1}{4} =$

$\frac{1}{2} + \frac{3}{16} =$

$\frac{3}{4} + \frac{5}{16} =$

$\frac{1}{16} + \frac{1}{8} =$

$\frac{9}{16} + \frac{1}{4} =$

$\frac{1}{4} + \frac{1}{2} =$

$\frac{5}{8} + \frac{1}{4} =$

$\frac{3}{16} + \frac{1}{4} =$

$\frac{1}{2} + \frac{5}{8} =$

VorksheetSite.com

Name _____ Date 2A

1158 × 63	6136 × 93	8013 × 38	3516 × 96
4923 × 30	8068 × 86	6099 × 75	6708 × 59

308 − 139	305 − 137	7700 − 5443	2060 − 1895
502 − 188	807 − 438	804 − 336	7005 − 56

2B

Name _____ Date _____

$4\overline{)1668}$ $7\overline{)968}$ $4\overline{)672}$

$3 \div 3 = \boxed{4} \div 4$

1 = 1

$2 + 5 = \square + 6$

$9 \div \square = 5 \div 5$

$7 \times 6 = \square \times 2$

$13 - \square = 6 - 2$

$8 \div 4 = 14 \div \square$

Solve.

$\frac{3}{7} - \frac{2}{7} =$

$\frac{4}{7} - \frac{1}{7} =$

$\frac{4}{9} - \frac{2}{9} =$

$\frac{4}{5} - \frac{3}{5} =$

$\frac{8}{9} - \frac{4}{9} =$

$\frac{7}{9} - \frac{1}{9} =$

$\frac{4}{7} - \frac{3}{7} =$

$\frac{5}{9} - \frac{1}{9} =$

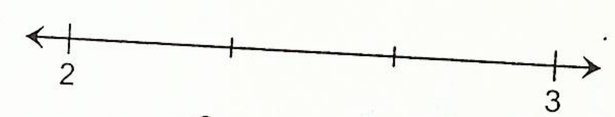
$\frac{4}{5} - \frac{2}{5} =$

$\frac{6}{7} - \frac{3}{7} =$

2C

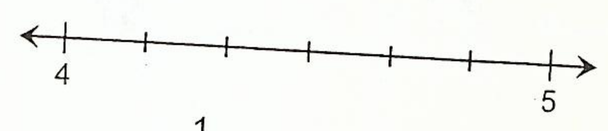
Place a dot on the number line that represents the number below.

$2\frac{1}{4}$



$2\frac{2}{3}$

$9\frac{1}{3}$



$4\frac{1}{6}$

$4\frac{1}{5}$

2D

Name _____ Date _____

Convert each improper fraction to a mixed number.

$\frac{43}{4}$ = _____ $\frac{11}{2}$ = _____ $\frac{37}{7}$ = _____

$\frac{37}{4}$ = _____ $\frac{5}{3}$ = _____ $\frac{49}{5}$ = _____

Convert each mixed number to an improper fraction.

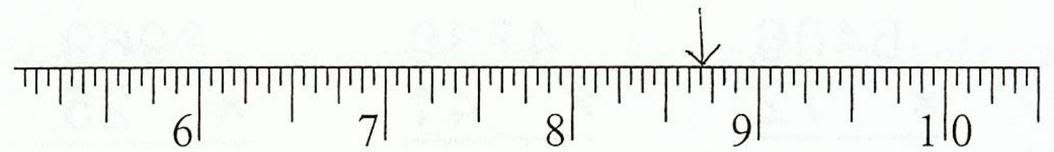
$7\frac{2}{3}$ = _____ $3\frac{1}{2}$ = _____ $4\frac{1}{2}$ = _____

$1\frac{1}{3}$ = _____ $7\frac{3}{10}$ = _____ $5\frac{1}{9}$ = _____

TheMathWorksheetSite.com

2E

Name _____ Date _____



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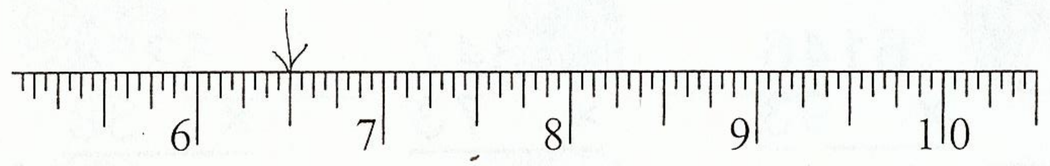

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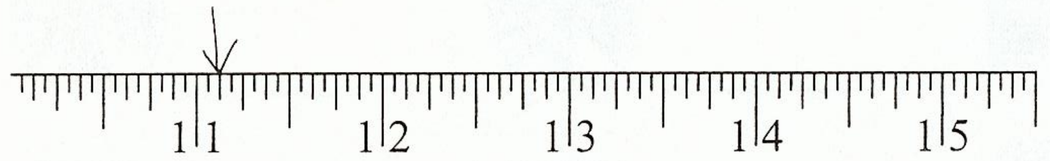

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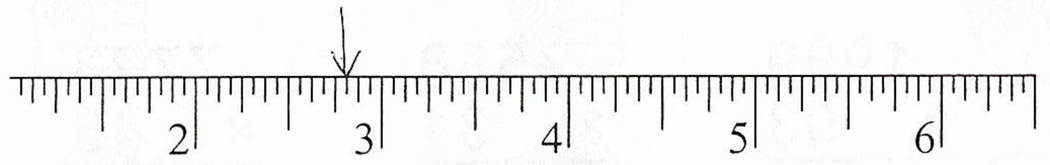

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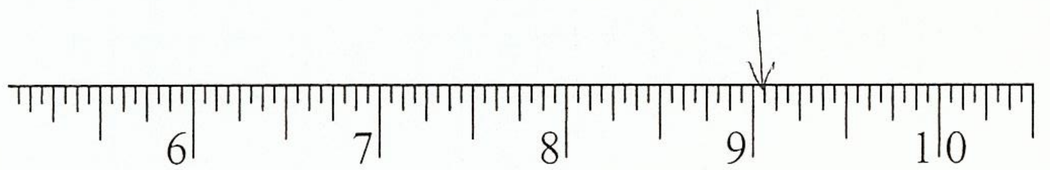


_____

TheMathWorksheetSite.com

3A

Name _____ Date _____

1589 × 90	6406 × 72	4330 × 41	8969 × 25
5850 × 12	6146 × 93	7347 × 78	5284 × 38
4243 × 50	1999 × 93	7568 × 31	7723 × 46
8779 × 77	8167 × 91	2525 × 67	3045 × 16

TheMathWorksheetSite.com

3B

Name _____

Simplify each fraction to lowest terms.

$\frac{20}{25} = \_\_\_\_$ $\frac{3}{15} = \_\_\_\_$

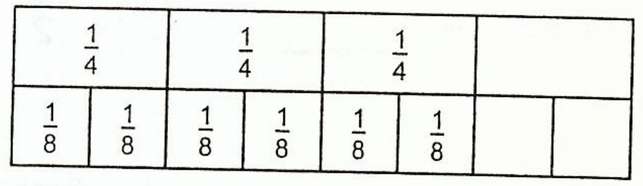
$\frac{8}{10} = \_\_\_\_$ $\frac{5}{50} = \_\_\_\_$

$\frac{4}{20} = \_\_\_\_$ $\frac{9}{12} = \_\_\_\_$

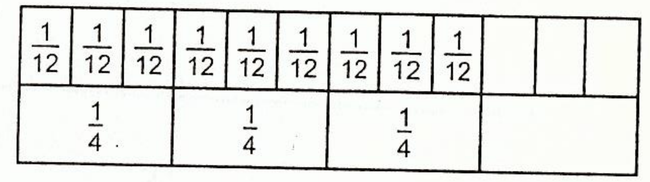
$\frac{10}{30} = \_\_\_\_$ $\frac{4}{16} = \_\_\_\_$

$\frac{4}{6} = \_\_\_\_$ $\frac{6}{10} = \_\_\_\_$

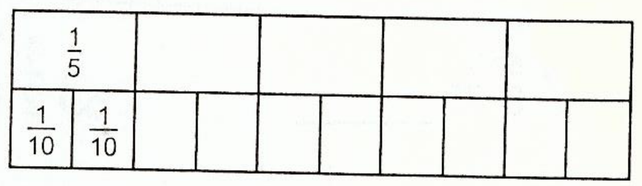
Complete the equivalent fraction.



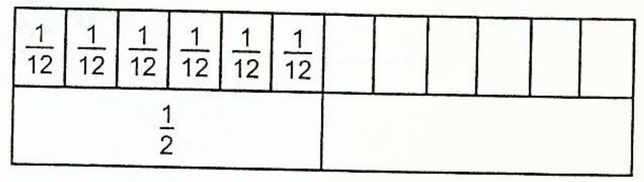
$\frac{3}{4} = \frac{\_\_}{8}$



$\frac{9}{12} = \frac{3}{\_\_}$



$\frac{1}{5} = \frac{\_\_}{10}$



$\frac{6}{\_\_} = \frac{1}{2}$

3C

Name _____ Date _____

$2\overline{)1556}$ $6\overline{)2810}$ $6\overline{)3006}$

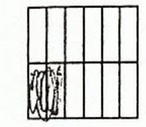
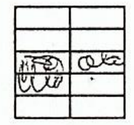
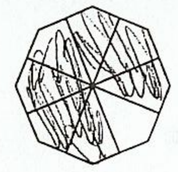
$3\overline{)2616}$ $9\overline{)3075}$ $3\overline{)1789}$

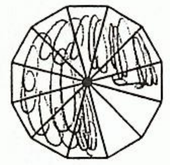
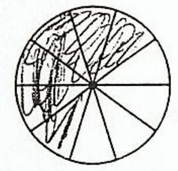
TheMathWorksheetSite.com

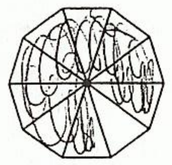
3D

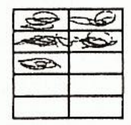
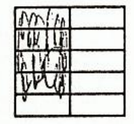
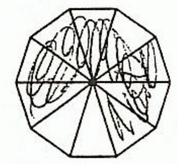
Name _____ Date _____

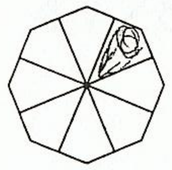
Write the fraction represented by the shaded area of each figure.

 _____  _____  _____

 _____ _____  _____

 _____ _____ _____

 _____  _____  _____

 _____ _____ _____

$3 \div \square = 2 \div 2$

$10 - 8 = 6 - \square$

$\square + 9 = 6 + 6$

$5 \times 8 = \square \times 2$

3E

Name _____

$\frac{4}{5} + \frac{4}{5} =$

$\frac{1}{7} + \frac{5}{7} =$

$\frac{7}{9} + \frac{2}{9} =$

$\frac{1}{7} + \frac{6}{7} =$

$\frac{4}{5} + \frac{3}{5} =$

$\frac{1}{9} + \frac{4}{9} =$

$\frac{5}{8} + \frac{5}{8} =$

$\frac{5}{6} + \frac{5}{6} =$

$\frac{4}{9} + \frac{4}{9} =$

$\frac{1}{10} + \frac{7}{10} =$

$\frac{3}{4} - \frac{3}{8} =$

$\frac{1}{4} - \frac{3}{16} =$

$\frac{1}{4} - \frac{1}{16} =$

$\frac{7}{8} - \frac{1}{4} =$

$\frac{7}{8} - \frac{1}{2} =$

$\frac{5}{8} - \frac{3}{16} =$

$\frac{1}{2} - \frac{5}{16} =$

$\frac{3}{4} - \frac{3}{16} =$

$\frac{3}{4} - \frac{1}{2} =$

$\frac{13}{16} - \frac{1}{2} =$

4A

Name _____

4842 × 55	5773 × 20	808 − 789	2060 − 1888
2268 × 13	5691 × 21	800 − 342	7014 − 848
3403 × 76	7388 × 18	9003 − 5676	4501 − 1675
5890 × 96	4037 × 71	3404 − 2779	8007 − 2259
		200 − 187	906 − 429

Simplify 4B

7π

Date _____

$\frac{4}{8}$ = ____ $\frac{30}{40}$ = ____

$\frac{3}{12}$ = ____ $\frac{5}{15}$ = ____

$\frac{2}{4}$ = ____ $\frac{9}{15}$ = ____

$\frac{4}{40}$ = ____ $\frac{8}{12}$ = ____

$\frac{5}{20}$ = ____ $\frac{5}{10}$ = ____

$$\begin{array}{r} 5841 \\ \times \quad 44 \\ \hline \end{array} \qquad \begin{array}{r} 7695 \\ \times \quad 19 \\ \hline \end{array}$$

$$\begin{array}{r} 3045 \\ \times \quad 49 \\ \hline \end{array} \qquad \begin{array}{r} 1281 \\ \times \quad 13 \\ \hline \end{array}$$

$$\begin{array}{r} 8033 \\ \times \quad 96 \\ \hline \end{array} \qquad \begin{array}{r} 1455 \\ \times \quad 42 \\ \hline \end{array}$$

$$\begin{array}{r} 4212 \\ \times \quad 26 \\ \hline \end{array} \qquad \begin{array}{r} 5513 \\ \times \quad 38 \\ \hline \end{array}$$

4C

Name _____ Date _____

$9\overline{)7425}$ $6\overline{)2256}$ $4\overline{)2262}$

$4\overline{)2856}$ $8\overline{)5640}$ $3\overline{)2623}$

4D

Solve

$5 \times \square = 1 \times 20$

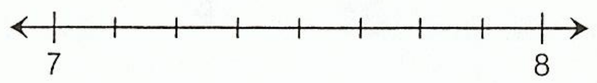
$2 + \square = 3 + 4$

$7 \times 5 = 1 \times \square$

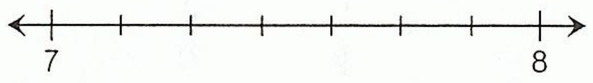
$\square \div 6 = 6 \div 3$

$6 + 4 = \square + 8$

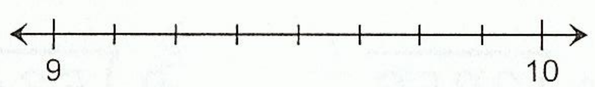
Place a dot on the number line that represents the number below.



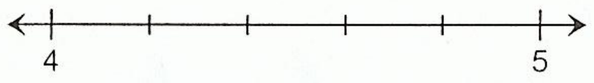
$7\frac{5}{8}$



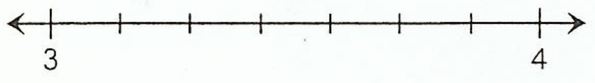
$7\frac{6}{7}$



$9\frac{1}{4}$



$4\frac{3}{5}$



$3\frac{3}{7}$

4E

Name _____ Date _____

$\frac{7}{9} - \frac{2}{9} =$	$\frac{1}{2} - \frac{3}{8} =$
$\frac{3}{4} - \frac{1}{4} =$	$\frac{3}{4} - \frac{7}{16} =$
$\frac{2}{9} - \frac{1}{9} =$	$\frac{1}{2} - \frac{1}{8} =$
$\frac{7}{10} - \frac{1}{10} =$	$\frac{3}{4} - \frac{3}{16} =$
$\frac{5}{7} - \frac{1}{7} =$	$\frac{1}{4} - \frac{1}{16} =$
$\frac{9}{10} - \frac{3}{10} =$	$\frac{1}{2} - \frac{7}{16} =$
$\frac{7}{8} - \frac{1}{8} =$	$\frac{1}{2} - \frac{1}{4} =$
$\frac{6}{7} - \frac{1}{7} =$	$\frac{15}{16} - \frac{7}{8} =$
$\frac{6}{7} - \frac{5}{7} =$	$\frac{3}{8} - \frac{3}{16} =$
$\frac{5}{6} - \frac{1}{6} =$	$\frac{15}{16} - \frac{3}{8} =$

TheMathWorksheetSite.com

5A

Date _____

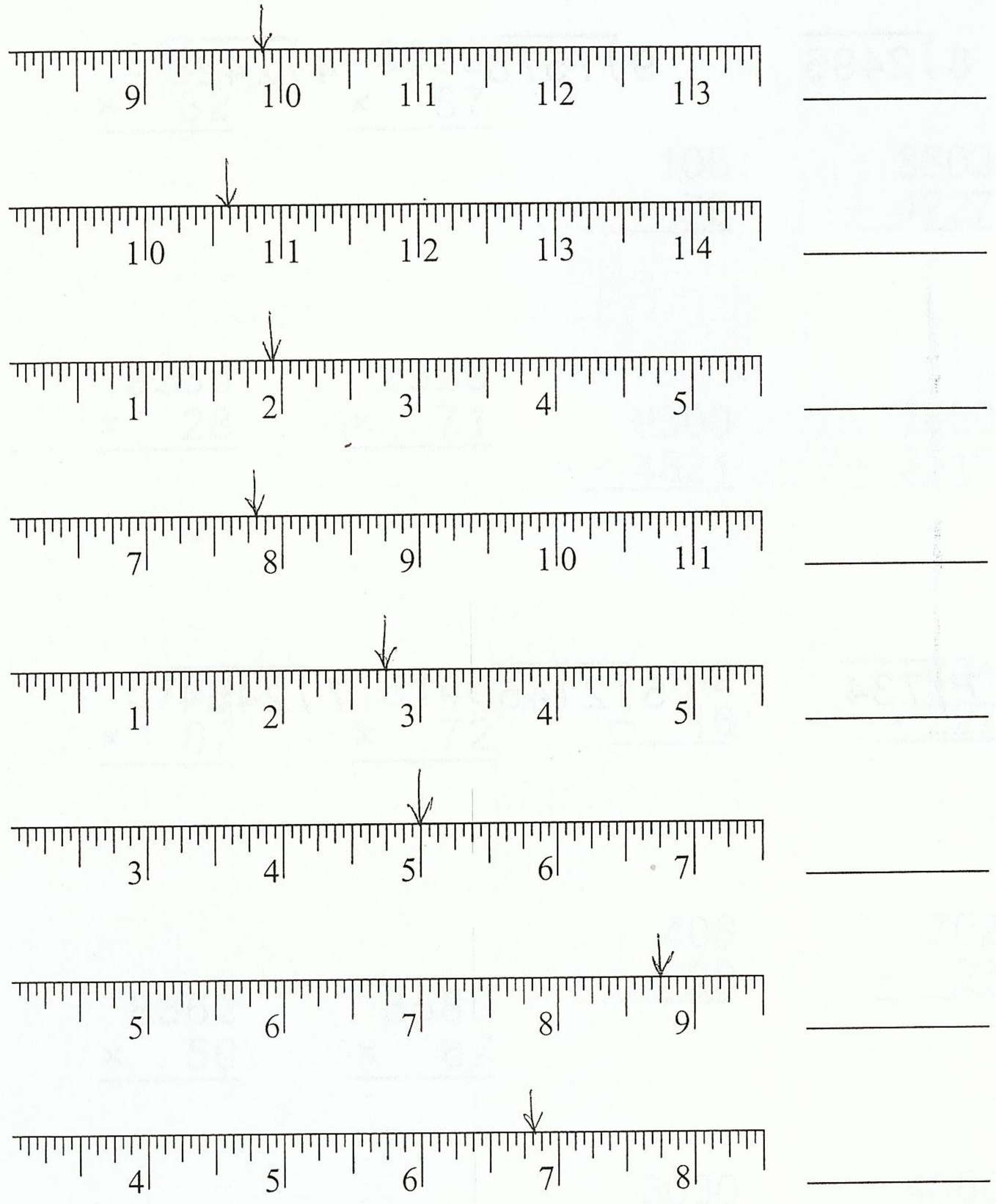
9205 − 4029	5300 − 1727
600 − 233	503 − 229
201 − 152	502 − 327
705 − 118	2000 − 1845
5906 − 4059	307 − 28

Date _____

8876 × 83	9352 × 96
4198 × 78	5899 × 96
1866 × 47	8569 × 42
9579 × 20	2107 × 43

5B

Name _____ Date _____



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TheMathWorksheetSite.com

5C

Name _____ Date _____

$8\overline{)2496}$ $9\overline{)7578}$ $4\overline{)2425}$

$7\overline{)734}$ $5\overline{)2145}$ $7\overline{)2464}$

5D

Name _____ Date _____

Convert each improper fraction to a mixed number.

$\frac{39}{4}$ = _____ $\frac{5}{3}$ = _____ $\frac{18}{5}$ = _____

$\frac{15}{2}$ = _____ $\frac{19}{2}$ = _____ $\frac{49}{5}$ = _____

Convert each mixed number to an improper fraction.

$6\frac{1}{3}$ = _____ $1\frac{2}{9}$ = _____ $10\frac{2}{3}$ = _____

$6\frac{1}{5}$ = _____ $1\frac{1}{2}$ = _____ $3\frac{1}{2}$ = _____

Name _____ Date _____ SE

$\frac{2}{7} + \frac{1}{7} =$	$\frac{1}{2} + \frac{3}{16} =$	
$\frac{1}{9} + \frac{1}{9} =$	$\frac{1}{2} + \frac{3}{4} =$	
$\frac{7}{8} + \frac{5}{8} =$	$\frac{1}{2} + \frac{1}{8} =$	
$\frac{4}{5} + \frac{4}{5} =$	$\frac{13}{16} + \frac{1}{2} =$	
$\frac{1}{5} + \frac{1}{5} =$	$\frac{7}{16} + \frac{1}{2} =$	
$\frac{4}{5} + \frac{1}{5} =$	$\frac{3}{8} + \frac{1}{4} =$	
$\frac{3}{8} + \frac{5}{8} =$	$\frac{3}{16} + \frac{3}{8} =$	
$\frac{3}{7} + \frac{3}{7} =$	$\frac{5}{16} + \frac{7}{8} =$	
$\frac{1}{7} + \frac{5}{7} =$	$\frac{7}{8} + \frac{1}{2} =$	
$\frac{5}{8} + \frac{1}{8} =$	$\frac{1}{2} + \frac{5}{8} =$	

TheMathWorksheetSite.com

6A

Name _____

8634 × 82	3852 × 87	106 − 78	8603 − 4227
9286 × 28	2929 × 71	9300 − 4821	7800 − 3516
5748 × 67	5146 × 72	102 − 15	401 − 227
8362 × 50	3580 × 67	406 − 28	702 − 23
		6030 − 4498	4060 − 1591

6B

Name _____

$7\frac{3}{10} + 4\frac{3}{10}$

$7\frac{4}{9} + 2\frac{4}{9}$

$6\frac{1}{15} + 5\frac{2}{15}$

$9\frac{7}{15} + 9\frac{4}{15}$

$7\frac{2}{15} + 4\frac{7}{15}$

$7 \times 7 = \square \times 49$

$4 + 6 = \square + 3$

$1 + 8 = \square + 3$

$5 - \square = 6 - 2$

$\square - 3 = 5 - 2$

6C

Name _____ Date _____

$2\overline{)1528}$

$8\overline{)2427}$

$6\overline{)1867}$

$4\overline{)2733}$

$5\overline{)930}$

$9\overline{)7499}$

TheMathWorksheetSite.com

6D

Solve.

$2\frac{3}{8} + 4\frac{3}{8}$

$6\frac{7}{10} + 4\frac{1}{10}$

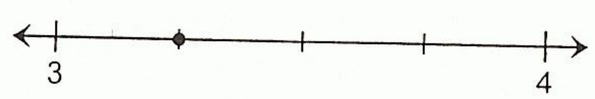
$2\frac{3}{8} + 8\frac{1}{8}$

$6\frac{1}{8} + 8\frac{5}{8}$

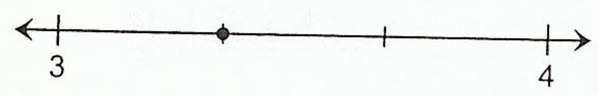
$8\frac{1}{12} + 2\frac{7}{12}$

Place the dot on the number line to represent the number below.

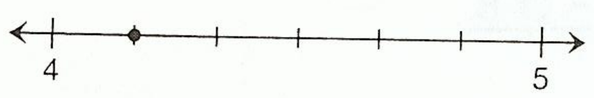
$1\frac{1}{2}$



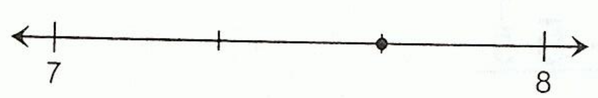
$3\frac{1}{4}$



$3\frac{1}{3}$



$4\frac{1}{6}$



$7\frac{2}{3}$

Name _____ Date _____ 6E

$\frac{4}{5} - \frac{1}{5} =$

$\frac{6}{7} - \frac{1}{7} =$

$\frac{3}{10} - \frac{1}{10} =$

$\frac{5}{7} - \frac{3}{7} =$

$\frac{4}{5} - \frac{2}{5} =$

$\frac{3}{4} - \frac{1}{4} =$

$\frac{8}{9} - \frac{7}{9} =$

$\frac{2}{5} - \frac{1}{5} =$

$\frac{5}{6} - \frac{1}{6} =$

$\frac{4}{7} - \frac{1}{7} =$

$\frac{9}{16} - \frac{1}{8} =$

$\frac{5}{16} - \frac{1}{4} =$

$\frac{7}{8} - \frac{1}{4} =$

$\frac{3}{4} - \frac{5}{16} =$

$\frac{1}{2} - \frac{3}{8} =$

$\frac{1}{4} - \frac{3}{16} =$

$\frac{3}{4} - \frac{5}{8} =$

$\frac{7}{8} - \frac{5}{16} =$

$\frac{5}{8} - \frac{3}{16} =$

$\frac{9}{16} - \frac{3}{8} =$

MathWorksheetSite.com

7A

Name _____ Date _____

4230 × 71	7908 × 20	7994 × 30	6290 × 69
4746 × 91	8879 × 67	1246 × 88	5396 × 83
5946 × 83	9085 × 95	3980 × 89	3806 × 89
3035 × 45	8641 × 23	5680 × 89	1434 × 91

TheMathWorksheetSite.com

7B

Name _____ Date _____

$6\frac{3}{5} - 4\frac{2}{5}$	$4\frac{2}{5} - 2\frac{1}{5}$
$7\frac{9}{10} - 5\frac{3}{10}$	$8\frac{5}{8} - 6\frac{1}{8}$
$9\frac{4}{15} - 7\frac{1}{15}$	$5\frac{3}{4} - 3\frac{1}{4}$
$8\frac{3}{8} - 5\frac{1}{8}$	$6\frac{7}{12} - 2\frac{1}{12}$
$9\frac{4}{5} - 5\frac{1}{5}$	$9\frac{3}{5} - 4\frac{2}{5}$

TheMathWorksheetSite.com

7C

Name _____ Date _____

$5\overline{)1919}$

$8\overline{)7328}$

$4\overline{)532}$

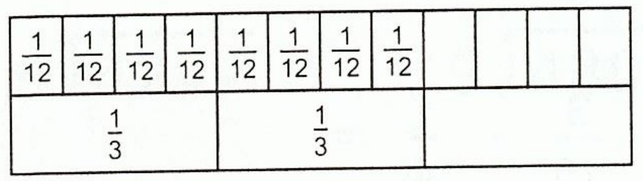
$2\overline{)216}$

$2\overline{)645}$

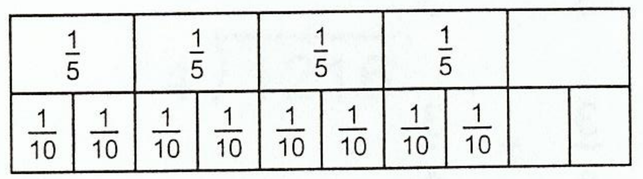
$8\overline{)3342}$

7D

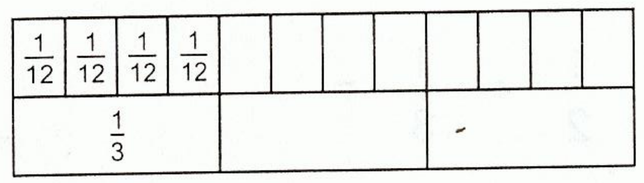
Name _____ Date _____



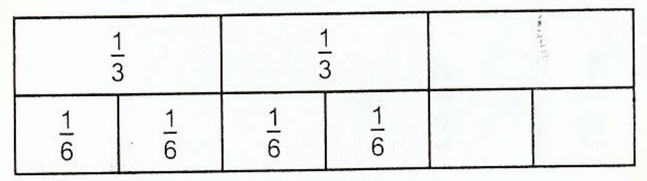
$\frac{8}{12} = \frac{\quad}{3}$



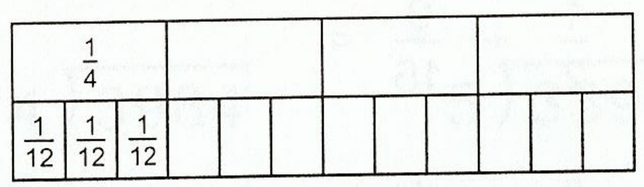
$\frac{4}{\quad} = \frac{8}{10}$



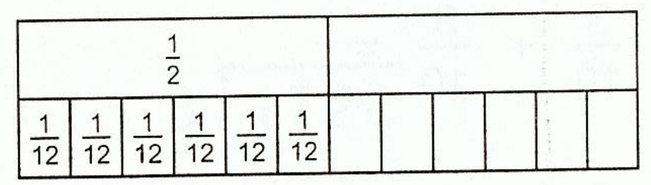
$\frac{\quad}{12} = \frac{1}{3}$



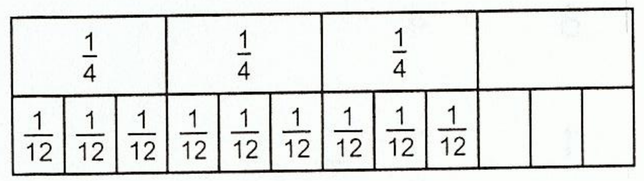
$\frac{2}{3} = \frac{4}{\quad}$



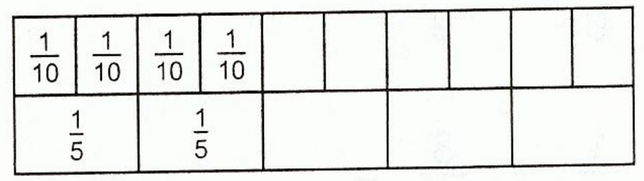
$\frac{\quad}{4} = \frac{3}{12}$



$\frac{1}{2} = \frac{6}{\quad}$



$\frac{3}{4} = \frac{9}{\quad}$



$\frac{4}{10} = \frac{\quad}{5}$

Name _____ Date _____ 7E

$\frac{1}{3}$	+	$\frac{1}{3}$	=	$\frac{7}{8}$	+	$\frac{1}{4}$	=
$\frac{3}{4}$	+	$\frac{3}{4}$	=	$\frac{3}{16}$	+	$\frac{1}{4}$	=
$\frac{4}{7}$	+	$\frac{3}{7}$	=	$\frac{3}{4}$	+	$\frac{1}{2}$	=
$\frac{1}{5}$	+	$\frac{4}{5}$	=	$\frac{1}{2}$	+	$\frac{1}{8}$	=
$\frac{3}{5}$	+	$\frac{1}{5}$	=	$\frac{11}{16}$	+	$\frac{1}{4}$	=
$\frac{3}{10}$	+	$\frac{3}{10}$	=	$\frac{1}{2}$	+	$\frac{9}{16}$	=
$\frac{5}{9}$	+	$\frac{1}{9}$	=	$\frac{9}{16}$	+	$\frac{1}{8}$	=
$\frac{4}{9}$	+	$\frac{2}{9}$	=	$\frac{5}{8}$	+	$\frac{1}{4}$	=
$\frac{1}{10}$	+	$\frac{3}{10}$	=	$\frac{1}{4}$	+	$\frac{1}{8}$	=
$\frac{6}{7}$	+	$\frac{5}{7}$	=	$\frac{3}{16}$	+	$\frac{1}{8}$	=

TheMathWorksheetSite.com

Name _____ Date _____ 8A

7984 × 92	5628 × 89	9257 × 59	1417 × 26
4349 × 95	7218 × 25	6867 × 79	3100 × 77
1912 × 54	1470 × 28	2696 × 41	7833 × 19
1809 × 86	9361 × 33	5474 × 30	6370 × 18

TheMathWorksheetSite.com

8B

Name _____ Date _____

Convert each improper fraction to a mixed number.

$\frac{32}{3}$ = _____ $\frac{13}{3}$ = _____ $\frac{15}{7}$ = _____

$\frac{5}{2}$ = _____ $\frac{53}{6}$ = _____ $\frac{4}{3}$ = _____

Convert each mixed number to an improper fraction.

$2\frac{3}{4}$ = _____ $1\frac{1}{7}$ = _____ $9\frac{1}{3}$ = _____

$9\frac{1}{2}$ = _____ $7\frac{6}{7}$ = _____ $1\frac{1}{2}$ = _____

8C

Name _____ Date _____

$9\overline{)4247}$ $9\overline{)4302}$ $4\overline{)1216}$

$4\overline{)3984}$ $5\overline{)3390}$ $3\overline{)1728}$

8D ~~3D~~ ~~4D~~

Name _____ Date _____

$\square \div 8 = 48 \div 6$

$6 \times 6 = \square \times 18$

$5 + 5 = \square + 3$

$2 \times 8 = 16 \times \square$

$\square - 6 = 9 - 5$

$30 \div \square = 36 \div 6$

$\square + 3 = 4 + 4$

$\square + 5 = 3 + 8$

$\square - 2 = 8 - 1$

$\square + 7 = 5 + 8$

TheMathWorksheetSite.com

Name _____ Date _____ 8E

$\frac{9}{10} - \frac{1}{10} =$

$\frac{7}{9} - \frac{1}{9} =$

$\frac{2}{3} - \frac{1}{3} =$

$\frac{8}{9} - \frac{4}{9} =$

$\frac{6}{7} - \frac{4}{7} =$

$\frac{7}{9} - \frac{2}{9} =$

$\frac{5}{7} - \frac{3}{7} =$

$\frac{4}{5} - \frac{2}{5} =$

$\frac{5}{8} - \frac{1}{8} =$

$\frac{4}{7} - \frac{3}{7} =$

$\frac{7}{8} - \frac{1}{4} =$

$\frac{5}{8} - \frac{7}{16} =$

$\frac{7}{8} - \frac{11}{16} =$

$\frac{1}{4} - \frac{1}{16} =$

$\frac{3}{4} - \frac{3}{8} =$

$\frac{5}{8} - \frac{1}{2} =$

$\frac{3}{8} - \frac{1}{4} =$

$\frac{1}{2} - \frac{7}{16} =$

$\frac{3}{4} - \frac{5}{8} =$

$\frac{5}{8} - \frac{1}{4} =$

TheMathWorksheetSite.com

9A

Name _____ Date _____

2844 × 65	1168 × 15	5472 × 25	1764 × 71
5421 × 28	7118 × 83	2362 × 69	7760 × 56
4270 × 37	2181 × 26	3479 × 21	1927 × 14
6759 × 37	3566 × 85	8065 × 79	4238 × 35

TheMathWorksheetSite.com

9B

Name _____ Date _____

Reduce each fraction to lowest terms.

$\frac{6}{9} =$ ____	$\frac{5}{50} =$ ____	$\frac{12}{20} =$ ____	$\frac{2}{10} =$ ____
$\frac{5}{20} =$ ____	$\frac{4}{40} =$ ____	$\frac{4}{10} =$ ____	$\frac{12}{16} =$ ____
$\frac{15}{25} =$ ____	$\frac{6}{15} =$ ____	$\frac{5}{15} =$ ____	$\frac{2}{8} =$ ____
$\frac{10}{40} =$ ____	$\frac{15}{20} =$ ____	$\frac{20}{30} =$ ____	$\frac{30}{50} =$ ____
$\frac{40}{50} =$ ____	$\frac{3}{12} =$ ____	$\frac{8}{10} =$ ____	$\frac{30}{40} =$ ____

TheMathWorksheetSite.com

9C

Name _____ Date _____

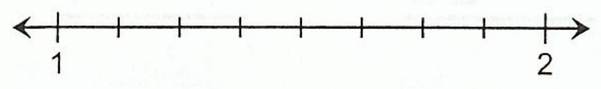
$6\overline{)790}$ $8\overline{)5270}$ $5\overline{)2130}$

$6\overline{)1189}$ $8\overline{)1473}$ $3\overline{)438}$

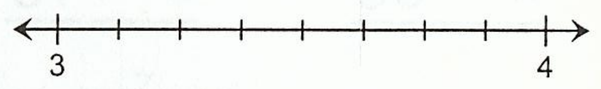
9D

Name _____ Date _____

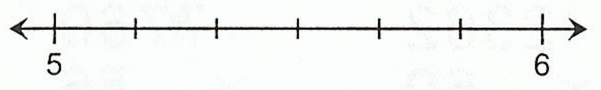
Place a dot on the number line at the point which represents the number written below.



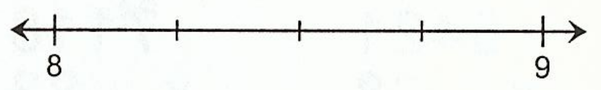
$1\frac{5}{8}$



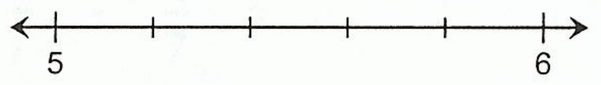
$3\frac{3}{4}$



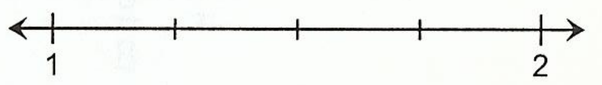
$5\frac{1}{6}$



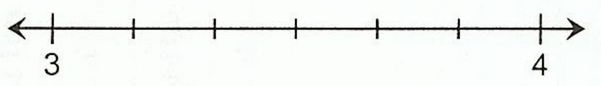
$8\frac{1}{2}$



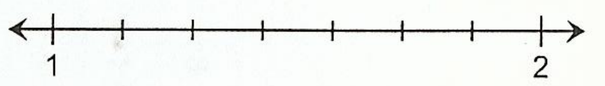
$5\frac{2}{5}$



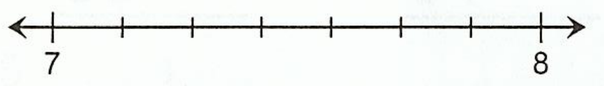
$1\frac{3}{4}$



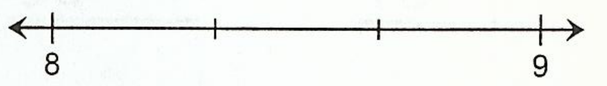
$3\frac{5}{6}$



$1\frac{4}{7}$



$7\frac{1}{7}$



$8\frac{1}{3}$

Name _____ Date _____ 9E

$\frac{7}{8}$	+	$\frac{7}{8}$	=	$\frac{3}{16}$	+	$\frac{3}{4}$	=
$\frac{1}{9}$	+	$\frac{4}{9}$	=	$\frac{5}{8}$	+	$\frac{1}{2}$	=
$\frac{2}{9}$	+	$\frac{2}{9}$	=	$\frac{3}{4}$	+	$\frac{7}{8}$	=
$\frac{5}{8}$	+	$\frac{3}{8}$	=	$\frac{3}{4}$	+	$\frac{1}{2}$	=
$\frac{1}{6}$	+	$\frac{1}{6}$	=	$\frac{1}{4}$	+	$\frac{1}{2}$	=
$\frac{1}{3}$	+	$\frac{2}{3}$	=	$\frac{1}{8}$	+	$\frac{1}{4}$	=
$\frac{7}{9}$	+	$\frac{7}{9}$	=	$\frac{5}{16}$	+	$\frac{3}{4}$	=
$\frac{1}{10}$	+	$\frac{3}{10}$	=	$\frac{1}{8}$	+	$\frac{11}{16}$	=
$\frac{3}{10}$	+	$\frac{9}{10}$	=	$\frac{1}{16}$	+	$\frac{1}{2}$	=
$\frac{3}{8}$	+	$\frac{7}{8}$	=	$\frac{9}{16}$	+	$\frac{1}{2}$	=

Name _____ Date _____ 10A

7831 × 10	5974 × 91	8005 × 90	9478 × 99
4441 × 96	6690 × 75	6030 × 98	4050 × 67
8937 × 54	4198 × 21	4869 × 55	8418 × 89
9142 × 80	5817 × 78	5909 × 74	4595 × 62

10B

Name _____ Date _____

$309.26 + $995.93	$330.81 - $321.96	$254.61 + $939.08
$965.14 + $387.64	$300.29 + $940.31	$587.22 - $303.02
$993.73 - $293.59	$601.66 + $708.18	$327.57 + $733.38
$290.88 + $690.70	$970.43 - $ 71.01	$458.15 + $485.32

TheMathWorksheetSite.com

10C

Name _____ Date _____

$9\overline{)2099}$	$3\overline{)417}$	$8\overline{)2828}$
$8\overline{)6152}$	$6\overline{)4433}$	$5\overline{)2255}$

TheMathWorksheetSite.com

Name _____ Date 1DD

$12 \div 2 = 18 \div \square$

$11 - 6 = \square - 3$

$8 \times 8 = \square \times 32$

$\square \div 1 = 7 \div 7$

$\square \times 7 = 14 \times 3$

$12 \div \square = 27 \div 9$

$3 \times 5 = \square \times 15$

$2 \times 9 = 3 \times \square$

$7 \div 1 = 28 \div \square$

$8 \times 6 = 3 \times \square$

TheMathWorksheetSite.com

Name _____ Date 10E

$\frac{3}{5} - \frac{1}{5} =$

$\frac{8}{9} - \frac{4}{9} =$

$\frac{3}{10} - \frac{1}{10} =$

$\frac{4}{5} - \frac{1}{5} =$

$\frac{9}{10} - \frac{7}{10} =$

$\frac{6}{7} - \frac{5}{7} =$

$\frac{7}{10} - \frac{1}{10} =$

$\frac{4}{5} - \frac{2}{5} =$

$\frac{3}{4} - \frac{1}{4} =$

$\frac{9}{10} - \frac{3}{10} =$

$\frac{13}{16} - \frac{1}{4} =$

$\frac{3}{4} - \frac{1}{2} =$

$\frac{7}{8} - \frac{3}{4} =$

$\frac{9}{16} - \frac{1}{4} =$

$\frac{1}{4} - \frac{3}{16} =$

$\frac{1}{2} - \frac{1}{4} =$

$\frac{7}{8} - \frac{1}{4} =$

$\frac{1}{2} - \frac{3}{8} =$

$\frac{13}{16} - \frac{3}{4} =$

$\frac{3}{8} - \frac{1}{4} =$

TheMathWorksheetSite.com

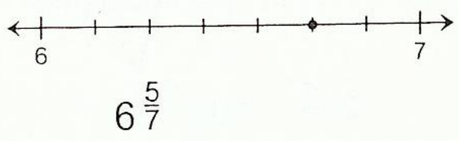
1A

Answer Key

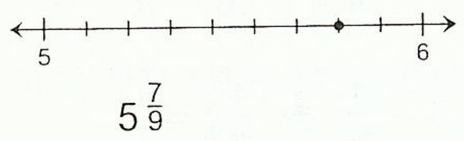
5179 × 39 = 46611 + 155370 = 201981	8377 × 73 = 25131 + 586390 = 611521	1218 × 12 = 2436 + 12180 = 14616	6926 × 44 = 27704 + 277040 = 304744
8880 × 96 = 53280 + 799200 = 852480	5481 × 64 = 21924 + 328860 = 350784	5551 × 78 = 44408 + 388570 = 432978	1095 × 79 = 9855 + 76650 = 86505

79 − 487 = 317	493 − 2396 = 2646	79 − 348 = 8457	89 − 1677 = 2227
69 − 546 = 157	193 − 879 = 1162	29 − 175 = 127	796 − 3785 = 4285

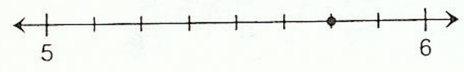
1B



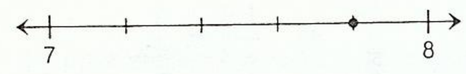
$6\frac{5}{7}$



$5\frac{7}{9}$

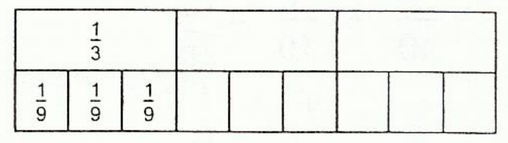


$5\frac{3}{4}$

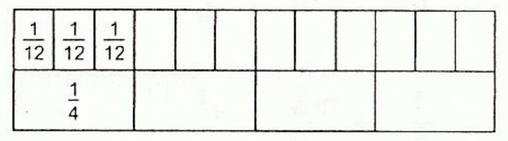


$7\frac{4}{5}$

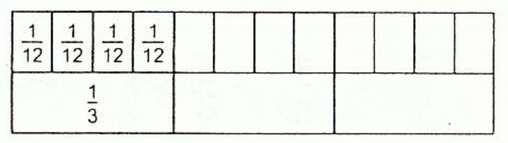
$3\frac{3}{8}$



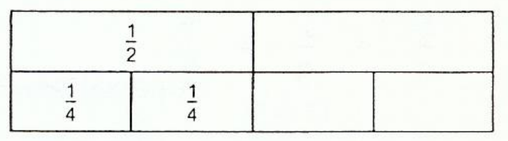
$\frac{1}{3} = \frac{3}{9}$



$\frac{3}{12} = \frac{1}{4}$



$\frac{4}{12} = \frac{1}{3}$



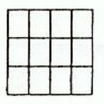
$\frac{1}{2} = \frac{2}{4}$

1C

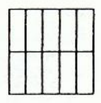
Answer Key

543 ; 3)1629 ; 15 ; 12 ; 12 ; 09 ; 9 ; 0	636 ; 5)3180 ; 30 ; 18 ; 15 ; 30 ; 30 ; 0	505 ; 9)4545 ; 45 ; 04 ; 0 ; 45 ; 45 ; 0

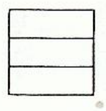
Write the fraction represented by the shaded area of each figure.



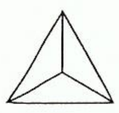
$\frac{2}{12}$ or $\frac{1}{6}$



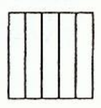
$\frac{7}{10}$



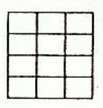
$\frac{2}{3}$



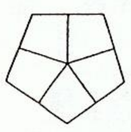
$\frac{1}{3}$



$\frac{3}{5}$

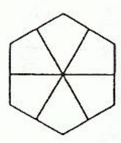


$\frac{10}{12}$ or $\frac{5}{6}$

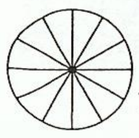


$\frac{1}{5}$

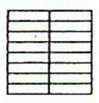
$\frac{5}{12}$



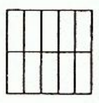
$\frac{3}{6}$ or $\frac{1}{2}$



$\frac{3}{12}$ or $\frac{1}{4}$



$\frac{15}{16}$



$\frac{1}{10}$

1D

Answer Key

Reduce each fraction to lowest terms.

$\frac{18}{10} = 1\frac{4}{5}$	$\frac{10}{20} = \frac{1}{2}$	$\frac{20}{50} = \frac{2}{5}$
$\frac{12}{10} = 1\frac{1}{5}$	$\frac{3}{12} = \frac{1}{4}$	$\frac{40}{50} = \frac{4}{5}$
$\frac{10}{6} = 1\frac{2}{3}$	$\frac{24}{20} = 1\frac{1}{5}$	$\frac{10}{25} = \frac{2}{5}$
$\frac{10}{50} = \frac{1}{5}$	$\frac{90}{25} = 3\frac{3}{5}$	$\frac{80}{30} = 2\frac{2}{3}$

Simplify.

$\frac{25}{10} = 2\frac{1}{2}$	$\frac{6}{9} = \frac{2}{3}$	$\frac{42}{15} = 2\frac{4}{5}$
$\frac{30}{50} = \frac{3}{5}$	$\frac{55}{15} = 3\frac{2}{3}$	$\frac{130}{40} = 3\frac{1}{4}$
$\frac{9}{12} = \frac{3}{4}$	$\frac{105}{50} = 2\frac{1}{10}$	

Name _____ Date _____ 1E

$\frac{5}{6} + \frac{1}{6} = \frac{6}{6} = 1$

$\frac{1}{10} + \frac{1}{10} = \frac{2}{10}$

$\frac{3}{7} + \frac{3}{7} = \frac{6}{7}$

$\frac{3}{8} + \frac{3}{8} = \frac{6}{8}$

$\frac{1}{8} + \frac{3}{8} = \frac{4}{8}$

$\frac{4}{9} + \frac{2}{9} = \frac{6}{9}$

$\frac{1}{5} + \frac{4}{5} = \frac{5}{5} = 1$

$\frac{8}{9} + \frac{5}{9} = \frac{13}{9} = 1\frac{4}{9}$

$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$

$\frac{3}{10} + \frac{1}{10} = \frac{4}{10}$

$\frac{3}{4} + \frac{5}{8} = \frac{11}{8} = 1\frac{3}{8}$

$\frac{3}{8} + \frac{1}{4} = \frac{5}{8}$

$\frac{1}{2} + \frac{3}{16} = \frac{11}{16}$

$\frac{3}{4} + \frac{5}{16} = \frac{17}{16} = 1\frac{1}{16}$

$\frac{1}{16} + \frac{1}{8} = \frac{3}{16}$

$\frac{9}{16} + \frac{1}{4} = \frac{13}{16}$

$\frac{1}{4} + \frac{1}{2} = \frac{3}{4}$

$\frac{5}{8} + \frac{1}{4} = \frac{7}{8}$

$\frac{3}{16} + \frac{1}{4} = \frac{7}{16}$

$\frac{1}{2} + \frac{5}{8} = \frac{9}{8} = 1\frac{1}{8}$

VorksheetSite.com

Answer Key

2A

1158 × 63 = 72954	6136 × 93 = 570648	8013 × 38 = 304494	3516 × 96 = 337536
4923 × 30 = 147690	8068 × 86 = 693848	6099 × 75 = 457425	6708 × 59 = 395772

29 − 139 = 169	29 − 137 = 168	69 − 5443 = 2257	195 − 1895 = 165
49 − 188 = 314	79 − 438 = 369	79 − 336 = 468	699 − 56 = 6949

Answer Key

2B

$4\overline{)1668}$ = 417

$7\overline{)968}$ = 138r 2

$4\overline{)672}$ = 168

$3 \div 3 = \boxed{4} \div 4$

$2 + 5 = \boxed{1} + 6$

$9 \div \boxed{9} = 5 \div 5$

$7 \times 6 = \boxed{21} \times 2$

$13 - \boxed{9} = 6 - 2$

$8 \div 4 = 14 \div \boxed{7}$

2C

$\frac{3}{7} - \frac{2}{7} = \frac{1}{7}$

$\frac{4}{7} - \frac{1}{7} = \frac{3}{7}$

$\frac{4}{9} - \frac{2}{9} = \frac{2}{9}$

$\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$

$\frac{8}{9} - \frac{4}{9} = \frac{4}{9}$

$\frac{7}{9} - \frac{1}{9} = \frac{6}{9}$

$\frac{4}{7} - \frac{3}{7} = \frac{1}{7}$

$\frac{5}{9} - \frac{1}{9} = \frac{4}{9}$

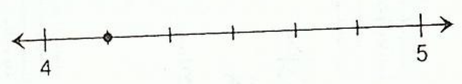
$\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$

$\frac{6}{7} - \frac{3}{7} = \frac{3}{7}$

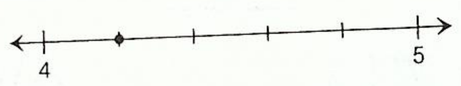
$2\frac{1}{4}$

$2\frac{2}{3}$

$9\frac{1}{3}$



$4\frac{1}{6}$



$4\frac{1}{5}$

2D

Answer Key

Convert each improper fraction to a mixed number.

$\frac{43}{4} = 10\frac{3}{4}$ $\frac{11}{2} = 5\frac{1}{2}$ $\frac{37}{7} = 5\frac{2}{7}$

$\frac{37}{4} = 9\frac{1}{4}$ $\frac{5}{3} = 1\frac{2}{3}$ $\frac{49}{5} = 9\frac{4}{5}$

Convert each mixed number to an improper fraction.

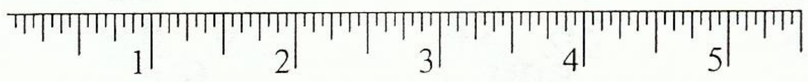
$7\frac{2}{3} = \frac{23}{3}$ $3\frac{1}{2} = \frac{7}{2}$ $4\frac{1}{2} = \frac{9}{2}$

$1\frac{1}{3} = \frac{4}{3}$ $7\frac{3}{10} = \frac{73}{10}$ $5\frac{1}{9} = \frac{46}{9}$

2E

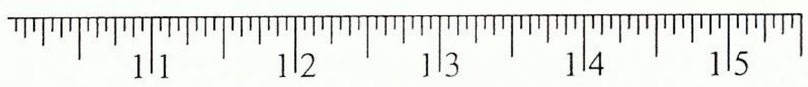
Answer Key

$8\frac{11}{16}$ in

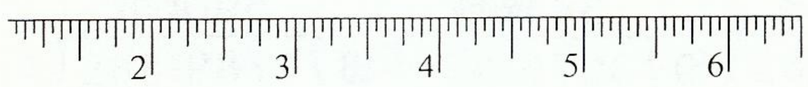


$1\frac{7}{8}$ in

$6\frac{1}{2}$ in



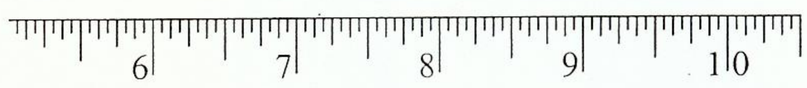
$11\frac{1}{8}$ in



$2\frac{13}{16}$ in

$5\frac{1}{16}$ in

$10\frac{1}{4}$ in



$9\frac{1}{16}$ in

3A

Answer Key

1589 × 90 = 143010	6406 × 72 = 461232	4330 × 41 = 177530	8969 × 25 = 224225
5850 × 12 = 70200	6146 × 93 = 571578	7347 × 78 = 573066	5284 × 38 = 200792
4243 × 50 = 212150	1999 × 93 = 185907	7568 × 31 = 234608	7723 × 46 = 355258
8779 × 77 = 675983	8167 × 91 = 743197	2525 × 67 = 169175	3045 × 16 = 48720

3B

Reduce each fraction to lowest terms.

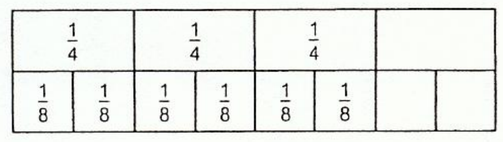
$\frac{20}{25} = \frac{4}{5}$ $\frac{3}{15} = \frac{1}{5}$

$\frac{8}{10} = \frac{4}{5}$ $\frac{5}{50} = \frac{1}{10}$

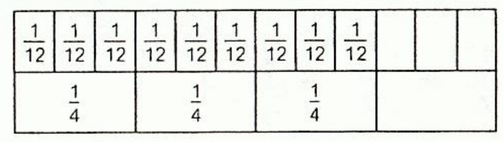
$\frac{4}{20} = \frac{1}{5}$ $\frac{9}{12} = \frac{3}{4}$

$\frac{10}{30} = \frac{1}{3}$ $\frac{4}{16} = \frac{1}{4}$

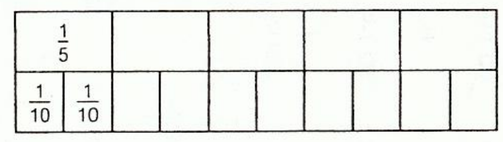
$\frac{4}{6} = \frac{2}{3}$ $\frac{6}{10} = \frac{3}{5}$



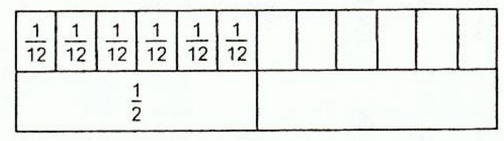
$\frac{3}{4} = \frac{6}{8}$



$\frac{9}{12} = \frac{3}{4}$



$\frac{1}{5} = \frac{2}{10}$



$\frac{6}{12} = \frac{1}{2}$

3C

Answer Key

$$\begin{array}{r} 778 \\ 2\overline{)1556} \\ 14 \\ \hline 15 \\ 14 \\ \hline 16 \\ 16 \\ \hline 0 \end{array} \qquad \begin{array}{r} 468\text{r } 2 \\ 6\overline{)2810} \\ 24 \\ \hline 41 \\ 36 \\ \hline 50 \\ 48 \\ \hline 2 \end{array} \qquad \begin{array}{r} 501 \\ 6\overline{)3006} \\ 30 \\ \hline 00 \\ 0 \\ \hline 6 \\ 6 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 872 \\ 3\overline{)2616} \\ 24 \\ \hline 21 \\ 21 \\ \hline 06 \\ 6 \\ \hline 0 \end{array} \qquad \begin{array}{r} 341\text{r } 6 \\ 9\overline{)3075} \\ 27 \\ \hline 37 \\ 36 \\ \hline 15 \\ 9 \\ \hline 6 \end{array} \qquad \begin{array}{r} 596\text{r } 1 \\ 3\overline{)1789} \\ 15 \\ \hline 28 \\ 27 \\ \hline 19 \\ 18 \\ \hline 1 \end{array}$$

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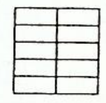
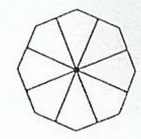
3D

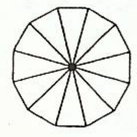
Answer Key

Write the fraction represented by the shaded area of each figure.

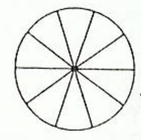
$\frac{2}{12}$ or $\frac{1}{6}$

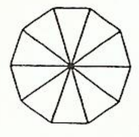

$\frac{3}{10}$

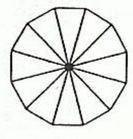

$\frac{7}{8}$


$\frac{10}{12}$ or $\frac{5}{6}$

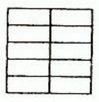
$\frac{14}{16}$ or $\frac{7}{8}$

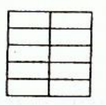

$\frac{6}{10}$ or $\frac{3}{5}$

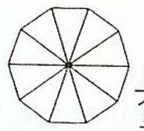

$\frac{9}{10}$

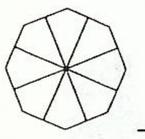

$\frac{11}{12}$

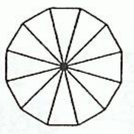
$\frac{7}{16}$

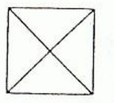

$\frac{5}{10}$ or $\frac{1}{2}$


$\frac{4}{10}$ or $\frac{2}{5}$


$\frac{8}{10}$ or $\frac{4}{5}$


$\frac{1}{8}$


$\frac{7}{12}$


$\frac{1}{4}$

$3 \div \boxed{3} = 2 \div 2$

$10 - 8 = 6 - \boxed{4}$

$\boxed{3} + 9 = 6 + 6$

$5 \times 8 = \boxed{20} \times 2$

3E

Name _____

$\frac{4}{5} + \frac{4}{5} = \frac{8}{5} = 1\frac{3}{5}$

$\frac{1}{7} + \frac{5}{7} = \frac{6}{7}$

$\frac{7}{9} + \frac{2}{9} = \frac{9}{9} = 1$

$\frac{1}{7} + \frac{6}{7} = \frac{7}{7} = 1$

$\frac{4}{5} + \frac{3}{5} = \frac{7}{5} = 1\frac{2}{5}$

$\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

$\frac{5}{8} + \frac{5}{8} = \frac{10}{8} = 1\frac{2}{8}$

$\frac{5}{6} + \frac{5}{6} = \frac{10}{6} = 1\frac{4}{6}$

$\frac{4}{9} + \frac{4}{9} = \frac{8}{9}$

$\frac{1}{10} + \frac{7}{10} = \frac{8}{10}$

$\frac{3}{4}\frac{6}{8} - \frac{3}{8} = \frac{3}{8}$

$\frac{1}{4}\frac{4}{16} - \frac{3}{16} = \frac{1}{16}$

$\frac{1}{4}\frac{4}{16} - \frac{1}{16} = \frac{3}{16}$

$\frac{7}{8} - \frac{1}{4}\frac{2}{8} = \frac{5}{8}$

$\frac{7}{8} - \frac{1}{2}\frac{4}{8} = \frac{3}{8}$

$\frac{5}{8}\frac{10}{16} - \frac{3}{16} = \frac{7}{16}$

$\frac{1}{2}\frac{8}{16} - \frac{5}{16} = \frac{3}{16}$

$\frac{3}{4}\frac{12}{16} - \frac{3}{16} = \frac{9}{16}$

$\frac{3}{4} - \frac{1}{2}\frac{2}{4} = \frac{1}{4}$

$\frac{13}{16} - \frac{1}{2}\frac{8}{16} = \frac{5}{16}$

4A

Answer Key

$$\begin{array}{r} 4842 \\ \times\ 55 \\ \hline 24210 \\ 242100 \\ \hline 266310 \end{array} \qquad \begin{array}{r} 5773 \\ \times\ 20 \\ \hline 115460 \end{array}$$

$$\begin{array}{r} 2268 \\ \times\ 13 \\ \hline 6804 \\ 22680 \\ \hline 29484 \end{array} \qquad \begin{array}{r} 5691 \\ \times\ 21 \\ \hline 5691 \\ 113820 \\ \hline 119511 \end{array}$$

$$\begin{array}{r} 3403 \\ \times\ 76 \\ \hline 20418 \\ 238210 \\ \hline 258628 \end{array} \qquad \begin{array}{r} 7388 \\ \times\ 18 \\ \hline 59104 \\ 73880 \\ \hline 132984 \end{array}$$

$$\begin{array}{r} 5890 \\ \times\ 96 \\ \hline 35340 \\ 530100 \\ \hline 565440 \end{array} \qquad \begin{array}{r} 4037 \\ \times\ 71 \\ \hline 4037 \\ 282590 \\ \hline 286627 \end{array}$$

$$\begin{array}{r} 79 \\ 808 \\ -\ 789 \\ \hline 19 \end{array} \qquad \begin{array}{r} 195 \\ 2060 \\ -\ 1888 \\ \hline 172 \end{array}$$

$$\begin{array}{r} 79 \\ 800 \\ -\ 342 \\ \hline 458 \end{array} \qquad \begin{array}{r} 690 \\ 7014 \\ -\ 848 \\ \hline 6166 \end{array}$$

$$\begin{array}{r} 899 \\ 9003 \\ -\ 5676 \\ \hline 3327 \end{array} \qquad \begin{array}{r} 349 \\ 4501 \\ -\ 1675 \\ \hline 2826 \end{array}$$

$$\begin{array}{r} 239 \\ 3404 \\ -\ 2779 \\ \hline 625 \end{array} \qquad \begin{array}{r} 799 \\ 8007 \\ -\ 2259 \\ \hline 5748 \end{array}$$

$$\begin{array}{r} 19 \\ 200 \\ -\ 187 \\ \hline 13 \end{array} \qquad \begin{array}{r} 89 \\ 906 \\ -\ 429 \\ \hline 477 \end{array}$$

4B

$\frac{4}{8} = \frac{1}{2}$ $\frac{30}{40} = \frac{3}{4}$

5841	7695
× 44	× 19
23364	69255
233640	76950
257004	146205

$\frac{3}{12} = \frac{1}{4}$ $\frac{5}{15} = \frac{1}{3}$

3045	1281
× 49	× 13
27405	3843
121800	12810
149205	16653

$\frac{2}{4} = \frac{1}{2}$ $\frac{9}{15} = \frac{3}{5}$

8033	1455
× 96	× 42
48198	2910
722970	58200
771168	61110

$\frac{4}{40} = \frac{1}{10}$ $\frac{8}{12} = \frac{2}{3}$

4212	5513
× 26	× 38
25272	44104
84240	165390
109512	209494

$\frac{5}{20} = \frac{1}{4}$ $\frac{5}{10} = \frac{1}{2}$

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4C

Answer Key

825	376	565r 2
9⟌7425	6⟌2256	4⟌2262
72	18	20
22	45	26
18	42	24
45	36	22
45	36	20
0	0	2

714	705	874r 1
4⟌2856	8⟌5640	3⟌2623
28	56	24
05	04	22
4	0	21
16	40	13
16	40	12
0	0	1

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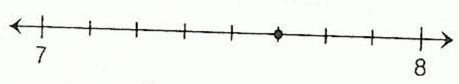
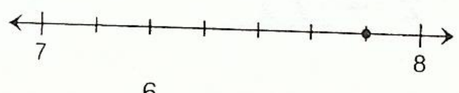
4D

$5 \times \boxed{4} = 1 \times 20$



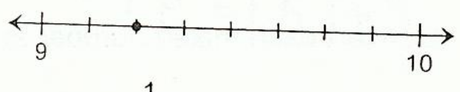
$7\frac{5}{8}$

$2 + \boxed{5} = 3 + 4$



$7\frac{6}{7}$

$7 \times 5 = 1 \times \boxed{35}$



$9\frac{1}{4}$

$\boxed{12} \div 6 = 6 \div 3$

$4\frac{3}{5}$

$6 + 4 = \boxed{2} + 8$

$3\frac{3}{7}$

4E

Name _____ Date _____

$\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$	$\frac{1}{2}\frac{4}{8} - \frac{3}{8} = \frac{1}{8}$
$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$	$\frac{3}{4}\frac{12}{16} - \frac{7}{16} = \frac{5}{16}$
$\frac{2}{9} - \frac{1}{9} = \frac{1}{9}$	$\frac{1}{2}\frac{4}{8} - \frac{1}{8} = \frac{3}{8}$
$\frac{7}{10} - \frac{1}{10} = \frac{6}{10}$	$\frac{3}{4}\frac{12}{16} - \frac{3}{16} = \frac{9}{16}$
$\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$	$\frac{1}{4}\frac{4}{16} - \frac{1}{16} = \frac{3}{16}$
$\frac{9}{10} - \frac{3}{10} = \frac{6}{10}$	$\frac{1}{2}\frac{8}{16} - \frac{7}{16} = \frac{1}{16}$
$\frac{7}{8} - \frac{1}{8} = \frac{6}{8}$	$\frac{1}{2}\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$
$\frac{6}{7} - \frac{1}{7} = \frac{5}{7}$	$\frac{15}{16} - \frac{7}{8}\frac{14}{16} = \frac{1}{16}$
$\frac{6}{7} - \frac{5}{7} = \frac{1}{7}$	$\frac{3}{8}\frac{6}{16} - \frac{3}{16} = \frac{3}{16}$
$\frac{5}{6} - \frac{1}{6} = \frac{4}{6}$	$\frac{15}{16} - \frac{3}{8}\frac{6}{16} = \frac{9}{16}$

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5A

$$\begin{array}{r} 19 \\ 9205 \\ -\ 4029 \\ \hline 5176 \end{array} \qquad \begin{array}{r} 429 \\ 5300 \\ -\ 1727 \\ \hline 3573 \end{array}$$

$$\begin{array}{r} 59 \\ 600 \\ -\ 233 \\ \hline 367 \end{array} \qquad \begin{array}{r} 49 \\ 503 \\ -\ 229 \\ \hline 274 \end{array}$$

$$\begin{array}{r} 19 \\ 201 \\ -\ 152 \\ \hline 49 \end{array} \qquad \begin{array}{r} 49 \\ 502 \\ -\ 327 \\ \hline 175 \end{array}$$

$$\begin{array}{r} 69 \\ 705 \\ -\ 118 \\ \hline 587 \end{array} \qquad \begin{array}{r} 199 \\ 2000 \\ -\ 1845 \\ \hline 155 \end{array}$$

$$\begin{array}{r} 89 \\ 5906 \\ -\ 4059 \\ \hline 1847 \end{array} \qquad \begin{array}{r} 29 \\ 307 \\ -\ 28 \\ \hline 279 \end{array}$$

$$\begin{array}{r} 8876 \\ \times\ 83 \\ \hline 26628 \\ 710080 \\ \hline 736708 \end{array} \qquad \begin{array}{r} 9352 \\ \times\ 96 \\ \hline 56112 \\ 841680 \\ \hline 897792 \end{array}$$

$$\begin{array}{r} 4198 \\ \times\ 78 \\ \hline 33584 \\ 293860 \\ \hline 327444 \end{array} \qquad \begin{array}{r} 5899 \\ \times\ 96 \\ \hline 35394 \\ 530910 \\ \hline 566304 \end{array}$$

$$\begin{array}{r} 1866 \\ \times\ 47 \\ \hline 13062 \\ 74640 \\ \hline 87702 \end{array} \qquad \begin{array}{r} 8569 \\ \times\ 42 \\ \hline 17138 \\ 342760 \\ \hline 359898 \end{array}$$

$$\begin{array}{r} 9579 \\ \times\ 20 \\ \hline 191580 \end{array} \qquad \begin{array}{r} 2107 \\ \times\ 43 \\ \hline 6321 \\ 84280 \\ \hline 90601 \end{array}$$

Answer Key

5B

9 $\frac{7}{8}$ in

10 $\frac{5}{8}$ in

1 $\frac{15}{16}$ in

7 $\frac{13}{16}$ in

2 $\frac{3}{4}$ in

5 in

8 $\frac{3}{4}$ in

6 $\frac{13}{16}$ in

Answer Key

5C

$$8\overline{)2496} = 312 \qquad 9\overline{)7578} = 842 \qquad 4\overline{)2425} = 606\text{r}\,1$$

$$7\overline{)734} = 104\text{r}\,6 \qquad 5\overline{)2145} = 429 \qquad 7\overline{)2464} = 352$$

Answer Key

5D

Convert each improper fraction to a mixed number.

$\frac{39}{4} = 9\frac{3}{4}$ $\quad \frac{5}{3} = 1\frac{2}{3}$ $\quad \frac{18}{5} = 3\frac{3}{5}$

$\frac{15}{2} = 7\frac{1}{2}$ $\quad \frac{19}{2} = 9\frac{1}{2}$ $\quad \frac{49}{5} = 9\frac{4}{5}$

Convert each mixed number to an improper fraction.

$6\frac{1}{3} = \frac{19}{3}$ $\quad 1\frac{2}{9} = \frac{11}{9}$ $\quad 10\frac{2}{3} = \frac{32}{3}$

$6\frac{1}{5} = \frac{31}{5}$ $\quad 1\frac{1}{2} = \frac{3}{2}$ $\quad 3\frac{1}{2} = \frac{7}{2}$

6A

Name _____ Date _____ 5E

$\frac{2}{7} + \frac{1}{7} = \frac{3}{7}$

$\frac{1}{9} + \frac{1}{9} = \frac{2}{9}$

$\frac{7}{8} + \frac{5}{8} = \frac{12}{8} = 1\frac{4}{8}$

$\frac{4}{5} + \frac{4}{5} = \frac{8}{3} = 2\frac{2}{3}$

$\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$

$\frac{4}{5} + \frac{1}{5} = \frac{5}{5}$

$\frac{3}{8} + \frac{5}{8} = \frac{8}{8} = 1$

$\frac{3}{7} + \frac{3}{7} = \frac{6}{7}$

$\frac{1}{7} + \frac{5}{7} = \frac{6}{7}$

$\frac{5}{8} + \frac{1}{8} = \frac{6}{8}$

$2\frac{1}{2} \frac{8}{16} + \frac{3}{16} = \frac{11}{16}$

$2\frac{1}{2} \frac{2}{4} + \frac{3}{4} = \frac{5}{4} = 1\frac{1}{4}$

$2\frac{1}{2} \frac{4}{8} + \frac{1}{8} = \frac{5}{8}$

$\frac{13}{16} + \frac{8}{16} 2\frac{1}{2} = \frac{21}{16} = 1\frac{5}{16}$

$\frac{7}{16} + 2\frac{1}{2} \frac{8}{16} = \frac{15}{16}$

$\frac{3}{8} + 1\frac{1}{4} \frac{2}{8} = \frac{5}{8}$

$\frac{3}{16} + \frac{3}{8} \frac{6}{16} = \frac{9}{16}$

$\frac{5}{16} + \frac{7}{8} \frac{14}{16} = \frac{19}{16} = 1\frac{3}{16}$

$\frac{7}{8} + 2\frac{1}{2} \frac{4}{8} = \frac{11}{8} = 1\frac{3}{8}$

$2\frac{1}{2} \frac{4}{8} + \frac{5}{8} = \frac{9}{8} = 1\frac{1}{8}$

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6B

Answer Key

$7\frac{3}{10} + 4\frac{3}{10} = 11\frac{6}{10} = 11\frac{3}{5}$

$7\frac{4}{9} + 2\frac{4}{9} = 9\frac{8}{9}$

$6\frac{1}{15} + 5\frac{2}{15} = 11\frac{3}{15} = 11\frac{1}{5}$

$9\frac{7}{15} + 9\frac{4}{15} = 18\frac{11}{15}$

$7\frac{2}{15} + 4\frac{7}{15} = 11\frac{9}{15} = 11\frac{3}{5}$

$7 \times 7 = \boxed{1} \times 49$

$4 + 6 = \boxed{7} + 3$

$1 + 8 = \boxed{6} + 3$

$5 - \boxed{1} = 6 - 2$

$\boxed{6} - 3 = 5 - 2$

6C

Answer Key

8634 × 82 = 17268 + 690720 = 707988	3852 × 87 = 26964 + 308160 = 335124	09 10 6 − 78 = 28	59 8 6 0 3 − 4227 = 4376
9286 × 28 = 74288 + 185720 = 260008	2929 × 71 = 2929 + 205030 = 207959	8 2 9 9 3 0 0 − 4821 = 4479	79 7 8 0 0 − 3516 = 4284
5748 × 67 = 40236 + 344880 = 385116	5146 × 72 = 10292 + 360220 = 370512	09 10 2 − 15 = 87	39 4 0 1 − 227 = 174
8362 × 50 = 418100	3580 × 67 = 25060 + 214800 = 239860	39 40 6 − 28 = 378	69 7 0 2 − 23 = 679
		5 9 2 6 0 3 0 − 4498 = 1532	3 9 5 4 0 6 0 − 1591 = 2469

$2\overline{)1528}$ = 764 (14, 12, 12, 08, 8, 0)

$8\overline{)2427}$ = 303 r 3 (24, 02, 0, 27, 24, 3)

$6\overline{)1867}$ = 311 r 1 (18, 06, 6, 07, 6, 1)

$4\overline{)2733}$ = 683 r 1 (24, 33, 32, 13, 12, 1)

$5\overline{)930}$ = 186 (5, 43, 40, 30, 30, 0)

$9\overline{)7499}$ = 833 r 2 (72, 29, 27, 29, 27, 2)

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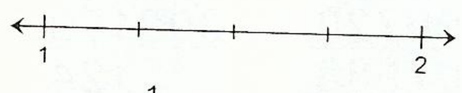
$$\begin{array}{r} 2\frac{3}{8} \\ +\ 4\frac{3}{8} \\ \hline 6\frac{6}{8} \end{array} = 6\frac{3}{4}$$

$$\begin{array}{r} 6\frac{7}{10} \\ +\ 4\frac{1}{10} \\ \hline 10\frac{8}{10} \end{array} = 10\frac{4}{5}$$

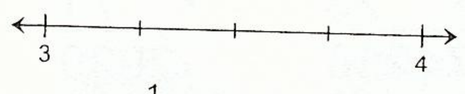
$$\begin{array}{r} 2\frac{3}{8} \\ +\ 8\frac{1}{8} \\ \hline 10\frac{4}{8} \end{array} = 10\frac{1}{2}$$

$$\begin{array}{r} 6\frac{1}{8} \\ +\ 8\frac{5}{8} \\ \hline 14\frac{6}{8} \end{array} = 14\frac{3}{4}$$

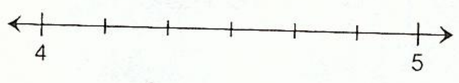
$$\begin{array}{r} 8\frac{1}{12} \\ +\ 2\frac{7}{12} \\ \hline 10\frac{8}{12} \end{array} = 10\frac{2}{3}$$



$1\frac{1}{2}$

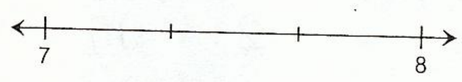


$3\frac{1}{4}$



$3\frac{1}{3}$

$4\frac{1}{6}$



$7\frac{2}{3}$

Name _____ Date _____

$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$

$\frac{6}{7} - \frac{1}{7} = \frac{5}{7}$

$\frac{3}{10} - \frac{1}{10} = \frac{2}{10}$

$\frac{5}{7} - \frac{3}{7} = \frac{2}{7}$

$\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$

$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$

$\frac{8}{9} - \frac{7}{9} = \frac{1}{9}$

$\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$

$\frac{5}{6} - \frac{1}{6} = \frac{4}{6}$

$\frac{4}{7} - \frac{1}{7} = \frac{3}{7}$

$\frac{9}{16} - 1\frac{2}{16} = \frac{7}{16}$

$\frac{5}{16} - 1\frac{4}{16} = \frac{1}{16}$

$\frac{7}{8} - 1\frac{2}{8} = \frac{5}{8}$

$3\frac{10}{16} - \frac{5}{16} = \frac{7}{16}$

$1\frac{4}{8} - \frac{3}{8} = \frac{1}{8}$

$1\frac{4}{16} - \frac{3}{16} = \frac{1}{16}$

$3\frac{6}{8} - \frac{5}{8} = \frac{1}{8}$

$7\frac{14}{16} - \frac{5}{16} = \frac{9}{16}$

$5\frac{10}{16} - \frac{3}{16} = \frac{7}{16}$

$9\frac{6}{16} - 3\frac{6}{16} = \frac{3}{16}$

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Answer Key

4230 × 71 = 4230 + 296100 = 300330	7908 × 20 = 158160	7994 × 30 = 239820	6290 × 69 = 56610 + 377400 = 434010
4746 × 91 = 4746 + 427140 = 431886	8879 × 67 = 62153 + 532740 = 594893	1246 × 88 = 9968 + 99680 = 109648	5396 × 83 = 16188 + 431680 = 447868
5946 × 83 = 17838 + 475680 = 493518	9085 × 95 = 45425 + 817650 = 863075	3980 × 89 = 35820 + 318400 = 354220	3806 × 89 = 34254 + 304480 = 338734
3035 × 45 = 15175 + 121400 = 136575	8641 × 23 = 25923 + 172820 = 198743	5680 × 89 = 51120 + 454400 = 505520	1434 × 91 = 1434 + 129060 = 130494

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Answer Key

$6\frac{3}{5} - 4\frac{2}{5} = 2\frac{1}{5}$

$4\frac{2}{5} - 2\frac{1}{5} = 2\frac{1}{5}$

$7\frac{9}{10} - 5\frac{3}{10} = 2\frac{6}{10} = 2\frac{3}{5}$

$8\frac{5}{8} - 6\frac{1}{8} = 2\frac{4}{8} = 2\frac{1}{2}$

$9\frac{4}{15} - 7\frac{1}{15} = 2\frac{3}{15} = 2\frac{1}{5}$

$5\frac{3}{4} - 3\frac{1}{4} = 2\frac{2}{4} = 2\frac{1}{2}$

$8\frac{3}{8} - 5\frac{1}{8} = 3\frac{2}{8} = 3\frac{1}{4}$

$6\frac{7}{12} - 2\frac{1}{12} = 4\frac{6}{12} = 4\frac{1}{2}$

$9\frac{4}{5} - 5\frac{1}{5} = 4\frac{3}{5}$

$9\frac{3}{5} - 4\frac{2}{5} = 5\frac{1}{5}$

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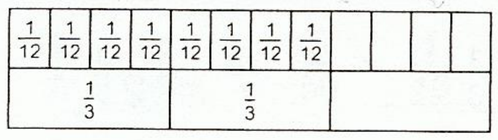
Answer Key

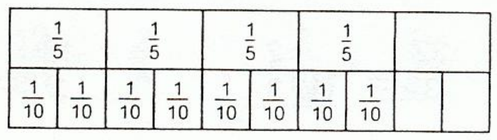
$$5\overline{)1919} = 383\text{r}4 \qquad 8\overline{)7328} = 916 \qquad 4\overline{)532} = 133$$

$$2\overline{)216} = 108 \qquad 2\overline{)645} = 322\text{r}1 \qquad 8\overline{)3342} = 417\text{r}6$$

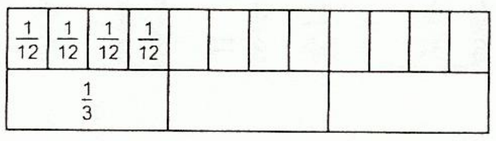
Answer Key



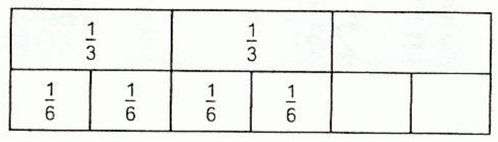
$\frac{8}{12} = \frac{2}{3}$



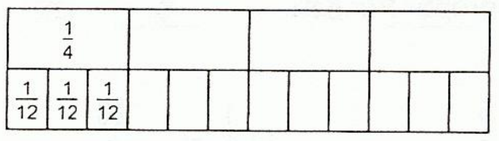
$\frac{4}{5} = \frac{8}{10}$



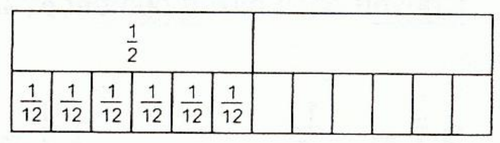
$\frac{4}{12} = \frac{1}{3}$



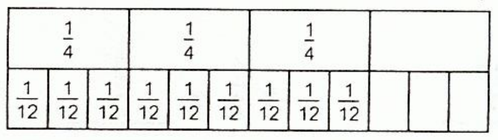
$\frac{2}{3} = \frac{4}{6}$



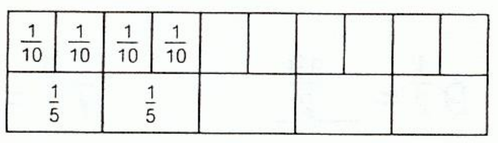
$\frac{1}{4} = \frac{3}{12}$



$\frac{1}{2} = \frac{6}{12}$



$\frac{3}{4} = \frac{9}{12}$



$\frac{4}{10} = \frac{2}{5}$

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$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$

$\frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1\frac{2}{4}$

$\frac{4}{7} + \frac{3}{7} = \frac{7}{7} = 1$

$\frac{1}{5} + \frac{4}{5} = \frac{5}{5} = 1$

$\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$

$\frac{3}{10} + \frac{3}{10} = \frac{6}{10}$

$\frac{5}{9} + \frac{1}{9} = \frac{6}{9}$

$\frac{4}{9} + \frac{2}{9} = \frac{6}{9}$

$\frac{1}{10} + \frac{3}{10} = \frac{4}{10}$

$\frac{6}{7} + \frac{5}{7} = \frac{11}{7} = 1\frac{4}{7}$

$\frac{7}{8} + \frac{1}{4} = \frac{2}{8} = \frac{9}{8} = 1\frac{1}{8}$

$\frac{3}{16} + \frac{1}{4} = \frac{4}{16} = \frac{7}{16}$

$\frac{3}{4} + \frac{1}{2} = \frac{2}{4} = \frac{5}{4} = 1\frac{1}{4}$

$\frac{1}{2}\frac{4}{8} + \frac{1}{8} = \frac{5}{8}$

$\frac{11}{16} + \frac{1}{4} = \frac{4}{16} = \frac{15}{16}$

$\frac{1}{2}\frac{8}{16} + \frac{9}{16} = \frac{17}{16} = 1\frac{1}{16}$

$\frac{9}{16} + \frac{1}{8} = \frac{2}{16} = \frac{11}{16}$

$\frac{5}{8} + \frac{1}{4} = \frac{2}{8} = \frac{7}{8}$

$\frac{1}{4}\frac{2}{8} + \frac{1}{8} = \frac{3}{8}$

$\frac{3}{16} + \frac{1}{8} = \frac{2}{16} = \frac{5}{16}$

Answer Key

$$\begin{array}{r} 7984 \\ \times\ 92 \\ \hline 15968 \\ 718560 \\ \hline 734528 \end{array} \qquad \begin{array}{r} 5628 \\ \times\ 89 \\ \hline 50652 \\ 450240 \\ \hline 500892 \end{array} \qquad \begin{array}{r} 9257 \\ \times\ 59 \\ \hline 83313 \\ 462850 \\ \hline 546163 \end{array} \qquad \begin{array}{r} 1417 \\ \times\ 26 \\ \hline 8502 \\ 28340 \\ \hline 36842 \end{array}$$

$$\begin{array}{r} 4349 \\ \times\ 95 \\ \hline 21745 \\ 391410 \\ \hline 413155 \end{array} \qquad \begin{array}{r} 7218 \\ \times\ 25 \\ \hline 36090 \\ 144360 \\ \hline 180450 \end{array} \qquad \begin{array}{r} 6867 \\ \times\ 79 \\ \hline 61803 \\ 480690 \\ \hline 542493 \end{array} \qquad \begin{array}{r} 3100 \\ \times\ 77 \\ \hline 21700 \\ 217000 \\ \hline 238700 \end{array}$$

$$\begin{array}{r} 1912 \\ \times\ 54 \\ \hline 7648 \\ 95600 \\ \hline 103248 \end{array} \qquad \begin{array}{r} 1470 \\ \times\ 28 \\ \hline 11760 \\ 29400 \\ \hline 41160 \end{array} \qquad \begin{array}{r} 2696 \\ \times\ 41 \\ \hline 2696 \\ 107840 \\ \hline 110536 \end{array} \qquad \begin{array}{r} 7833 \\ \times\ 19 \\ \hline 70497 \\ 78330 \\ \hline 148827 \end{array}$$

$$\begin{array}{r} 1809 \\ \times\ 86 \\ \hline 10854 \\ 144720 \\ \hline 155574 \end{array} \qquad \begin{array}{r} 9361 \\ \times\ 33 \\ \hline 28083 \\ 280830 \\ \hline 308913 \end{array} \qquad \begin{array}{r} 5474 \\ \times\ 30 \\ \hline 164220 \end{array} \qquad \begin{array}{r} 6370 \\ \times\ 18 \\ \hline 50960 \\ 63700 \\ \hline 114660 \end{array}$$

8B

Answer Key

Convert each improper fraction to a mixed number.

$\frac{32}{3} = 10\frac{2}{3}$ $\frac{13}{3} = 4\frac{1}{3}$ $\frac{15}{7} = 2\frac{1}{7}$

$\frac{5}{2} = 2\frac{1}{2}$ $\frac{53}{6} = 8\frac{5}{6}$ $\frac{4}{3} = 1\frac{1}{3}$

Convert each mixed number to an improper fraction.

$2\frac{3}{4} = \frac{11}{4}$ $1\frac{1}{7} = \frac{8}{7}$ $9\frac{1}{3} = \frac{28}{3}$

$9\frac{1}{2} = \frac{19}{2}$ $7\frac{6}{7} = \frac{55}{7}$ $1\frac{1}{2} = \frac{3}{2}$

Answer Key

$9\overline{)4247}$ 471r 8
36
64
63
17
9
8

$9\overline{)4302}$ 478
36
70
63
72
72
0

$4\overline{)1216}$ 304
12
01
0
16
16
0

$4\overline{)3984}$ 996
36
38
36
24
24
0

$5\overline{)3390}$ 678
30
39
35
40
40
0

$3\overline{)1728}$ 576
15
22
21
18
18
0

8D

Answer Key

$\boxed{64} \div 8 = 48 \div 6$ $6 \times 6 = \boxed{2} \times 18$

$5 + 5 = \boxed{7} + 3$ $2 \times 8 = 16 \times \boxed{1}$

$\boxed{10} - 6 = 9 - 5$ $30 \div \boxed{5} = 36 \div 6$

$\boxed{5} + 3 = 4 + 4$ $\boxed{6} + 5 = 3 + 8$

$\boxed{9} - 2 = 8 - 1$ $\boxed{6} + 7 = 5 + 8$

8E

Name _____ Date _____

$\frac{9}{10} - \frac{1}{10} = \frac{8}{10}$

$\frac{7}{9} - \frac{1}{9} = \frac{6}{9}$

$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$

$\frac{8}{9} - \frac{4}{9} = \frac{4}{9}$

$\frac{6}{7} - \frac{4}{7} = \frac{2}{7}$

$\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$

$\frac{5}{7} - \frac{3}{7} = \frac{2}{7}$

$\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$

$\frac{5}{8} - \frac{1}{8} = \frac{4}{8}$

$\frac{4}{7} - \frac{3}{7} = \frac{1}{7}$

$\frac{7}{8} - 1\frac{2}{8} = \frac{5}{8}$

$\frac{5}{8}\frac{10}{16} - \frac{7}{16} = \frac{3}{16}$

$\frac{7}{8}\frac{14}{16} - \frac{11}{16} = \frac{3}{16}$

$\frac{1}{4}\frac{4}{16} - \frac{1}{16} = \frac{3}{16}$

$\frac{3}{4}\frac{6}{8} - \frac{3}{8} = \frac{3}{8}$

$\frac{5}{8} - 1\frac{4}{8} = \frac{1}{8}$

$\frac{8}{16}\frac{1}{2} - \frac{7}{16} = \frac{1}{16}$

$\frac{3}{4}\frac{6}{8} - \frac{5}{8} = \frac{1}{8}$

$\frac{5}{8} - 1\frac{2}{8} = 3/8$

9A

nswer Key

2844 × 65 = 184860	1168 × 15 = 17520	5472 × 25 = 136800	1764 × 71 = 125244
5421 × 28 = 151788	7118 × 83 = 590794	2362 × 69 = 162978	7760 × 56 = 434560
4270 × 37 = 157990	2181 × 26 = 56706	3479 × 21 = 73059	1927 × 14 = 26978
6759 × 37 = 250083	3566 × 85 = 303110	8065 × 79 = 637135	4238 × 35 = 148330

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9B

Answer Key

Reduce each fraction to lowest terms.

$\frac{6}{9} = \frac{2}{3}$	$\frac{5}{50} = \frac{1}{10}$	$\frac{12}{20} = \frac{3}{5}$	$\frac{2}{10} = \frac{1}{5}$
$\frac{5}{20} = \frac{1}{4}$	$\frac{4}{40} = \frac{1}{10}$	$\frac{4}{10} = \frac{2}{5}$	$\frac{12}{16} = \frac{3}{4}$
$\frac{15}{25} = \frac{3}{5}$	$\frac{6}{15} = \frac{2}{5}$	$\frac{5}{15} = \frac{1}{3}$	$\frac{2}{8} = \frac{1}{4}$
$\frac{10}{40} = \frac{1}{4}$	$\frac{15}{20} = \frac{3}{4}$	$\frac{20}{30} = \frac{2}{3}$	$\frac{30}{50} = \frac{3}{5}$
$\frac{40}{50} = \frac{4}{5}$	$\frac{3}{12} = \frac{1}{4}$	$\frac{8}{10} = \frac{4}{5}$	$\frac{30}{40} = \frac{3}{4}$

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9C

Answer Key

131r 4 6) 790 6 19 18 10 6 4	658r 6 8) 5270 48 47 40 70 64 6	426 5) 2130 20 13 10 30 30 0
198r 1 6) 1189 6 58 54 49 48 1	184r 1 8) 1473 8 67 64 33 32 1	146 3) 438 3 13 12 18 18 0

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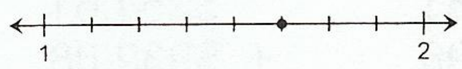
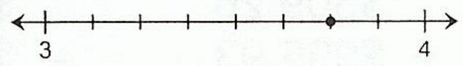
9D

Answer Key

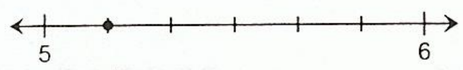
Place a dot on the number line at the point which represents the number written below.



$1\frac{5}{8}$



$3\frac{3}{4}$

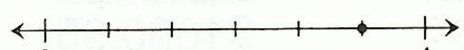


$5\frac{1}{6}$

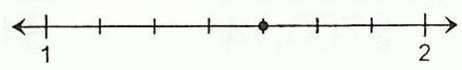
$8\frac{1}{2}$

$5\frac{2}{5}$

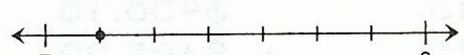
$1\frac{3}{4}$



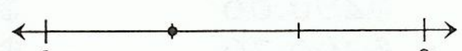
$3\frac{5}{6}$



$1\frac{4}{7}$



$7\frac{1}{7}$



$8\frac{1}{3}$

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$\frac{7}{8} + \frac{7}{8} = \frac{14}{8} = 1\frac{6}{8}$

$\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

$\frac{2}{9} + \frac{2}{9} = \frac{4}{9}$

$\frac{5}{8} + \frac{3}{8} = \frac{8}{8} = 1$

$\frac{1}{6} + \frac{1}{6} = \frac{2}{6}$

$\frac{1}{3} + \frac{2}{3} = \frac{3}{3} = 1$

$\frac{7}{9} + \frac{7}{9} = \frac{14}{9} = 1\frac{5}{9}$

$\frac{1}{10} + \frac{3}{10} = \frac{4}{10}$

$\frac{3}{10} + \frac{9}{10} = \frac{12}{10} = 1\frac{2}{10}$

$\frac{3}{8} + \frac{7}{8} = \frac{10}{8} = 1\frac{2}{8}$

$\frac{3}{16} + \frac{3}{4}\frac{12}{16} = \frac{15}{16}$

$\frac{5}{8} + \frac{1}{2}\frac{4}{8} = \frac{9}{8} = 1\frac{1}{8}$

$\frac{3}{4}\frac{6}{8} + \frac{7}{8} = \frac{13}{8} = 1\frac{5}{8}$

$\frac{3}{4} + \frac{1}{2}\frac{2}{4} = \frac{5}{4} = 1\frac{1}{4}$

$\frac{1}{4} + \frac{1}{2}\frac{2}{4} = \frac{3}{4}$

$\frac{1}{8} + \frac{1}{4}\frac{2}{8} = \frac{3}{8}$

$\frac{5}{16} + \frac{3}{4}\frac{12}{16} = \frac{17}{16} = 1\frac{1}{16}$

$\frac{1}{8}\frac{2}{16} + \frac{11}{16} = \frac{13}{16}$

$\frac{1}{16} + \frac{1}{2}\frac{8}{16} = \frac{9}{16}$

$\frac{9}{16} + \frac{1}{2}\frac{8}{16} = \frac{17}{16}$

Answer Key

7831 × 10 = 78310	5974 × 91 = 5974 + 537660 = 543634	8005 × 90 = 720450	9478 × 99 = 85302 + 853020 = 938322
4441 × 96 = 26646 + 399690 = 426336	6690 × 75 = 33450 + 468300 = 501750	6030 × 98 = 48240 + 542700 = 590940	4050 × 67 = 28350 + 243000 = 271350
8937 × 54 = 35748 + 446850 = 482598	4198 × 21 = 4198 + 83960 = 88158	4869 × 55 = 24345 + 243450 = 267795	8418 × 89 = 75762 + 673440 = 749202
9142 × 80 = 731360	5817 × 78 = 46536 + 407190 = 453726	5909 × 74 = 23636 + 413630 = 437266	4595 × 62 = 9190 + 275700 = 284890

10B

Answer Key

$309.26 + $995.93 = $1305.19	$330.81 - $321.96 = $8.85	$254.61 + $939.08 = $1193.69
$965.14 + $387.64 = $1352.78	$300.29 + $940.31 = $1240.60	$587.22 - $303.02 = $284.20
$993.73 - $293.59 = $700.14	$601.66 + $708.18 = $1309.84	$327.57 + $733.38 = $1060.95
$290.88 + $690.70 = $981.58	$970.43 - $ 71.01 = $899.42	$458.15 + $485.32 = $943.47

10C

Answer Key

9 ⟌ 2099 = 233r 2	3 ⟌ 417 = 139	8 ⟌ 2828 = 353r 4
8 ⟌ 6152 = 769	6 ⟌ 4433 = 738r 5	5 ⟌ 2255 = 451

~~10~~ 10D

Answer Key

$12 \div 2 = 18 \div \boxed{3}$

$11 - 6 = \boxed{8} - 3$

$8 \times 8 = \boxed{2} \times 32$

$\boxed{1} \div 1 = 7 \div 7$

$\boxed{6} \times 7 = 14 \times 3$

$12 \div \boxed{4} = 27 \div 9$

$3 \times 5 = \boxed{1} \times 15$

$2 \times 9 = 3 \times \boxed{6}$

$7 \div 1 = 28 \div \boxed{4}$

$8 \times 6 = 3 \times \boxed{16}$

10E

Answer Key

$$\begin{array}{r} 7\frac{1}{4} \\ +\,9\frac{3}{4} \\ \hline 16\frac{4}{4} \end{array} = 17$$

$$\begin{array}{r} 2\frac{1}{4} \\ +\,9\frac{1}{4} \\ \hline 11\frac{2}{4} \end{array} = 11\frac{1}{2}$$

$$\begin{array}{r} 2\frac{5}{6} \\ +\,8\frac{5}{6} \\ \hline 10\frac{10}{6} \end{array} = 10 + 1\frac{4}{6} = 11\frac{4}{6} = 11\frac{2}{3}$$

$$\begin{array}{r} 7\frac{1}{3} \\ +\,6\frac{1}{3} \\ \hline 13\frac{2}{3} \end{array}$$

$$\begin{array}{r} 3\frac{1}{2} \\ +\,2\frac{1}{2} \\ \hline 5\frac{2}{2} \end{array} = 6$$