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Multi-Digit Addition—Skills Practice

Name: _____

Add within 1,000,000.

Form A

$$\begin{array}{r} \mathbf{1} \quad 4,699 \\ + \quad 209 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{2} \quad 733,633 \\ + \quad 5,678 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{3} \quad 5,050 \\ + \quad 5,049 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{4} \quad 35,009 \\ + \quad 21,991 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{5} \quad 123,321 \\ + \quad \quad 987 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{6} \quad 806,515 \\ + \quad 14,372 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{7} \quad 97,342 \\ + \quad \quad 728 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{8} \quad 150,225 \\ + \quad 145,225 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{9} \quad 28,403 \\ + \quad 26,910 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{10} \quad 5,146 \\ + \quad 5,915 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{11} \quad 915,412 \\ + \quad 15,412 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{12} \quad 42,963 \\ + \quad 8,825 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{13} \quad 188,888 \\ + \quad 222,222 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{14} \quad 670,780 \\ + \quad \quad 9,564 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{15} \quad 16,275 \\ + \quad 36,334 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{16} \quad 7,741 \\ + \quad 2,260 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{17} \quad 10,864 \\ + \quad \quad 864 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{18} \quad 642,002 \\ + \quad 80,999 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{19} \quad 22,987 \\ + \quad 44,789 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{20} \quad 47,247 \\ + \quad 8,747 \\ \hline \end{array}$$

Add within 1,000,000.

Form B

$$\begin{array}{r} \mathbf{1} \quad 3,597 \\ + \quad 307 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{2} \quad 644,544 \\ + \quad 4,567 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{3} \quad 2,020 \\ + \quad 8,019 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{4} \quad 42,991 \\ + 12,009 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{5} \quad 234,432 \\ + \quad 876 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{6} \quad 705,626 \\ + \quad 25,261 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{7} \quad 64,751 \\ + \quad 429 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{8} \quad 205,336 \\ + 204,336 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{9} \quad 17,210 \\ + 15,801 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{10} \quad 8,924 \\ + \quad 8,157 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{11} \quad 749,241 \\ + \quad 49,241 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{12} \quad 53,854 \\ + \quad 9,945 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{13} \quad 133,333 \\ + 777,777 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{14} \quad 908,847 \\ + \quad 1,780 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{15} \quad 28,764 \\ + 18,145 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{16} \quad 6,632 \\ + \quad 3,370 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{17} \quad 22,552 \\ + \quad 552 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{18} \quad 430,999 \\ + \quad 70,004 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{19} \quad 33,678 \\ + 11,876 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{20} \quad 76,356 \\ + \quad 7,626 \\ \hline \end{array}$$



Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 1,000,000.

Form A

$$\begin{array}{r} 1 \quad 11,223 \\ - \quad 311 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 2,123 \\ - 1,321 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 432,765 \\ - 43,276 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 80,449 \\ - 24,085 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 184,234 \\ - 93,517 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 319,019 \\ - 9,416 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 62,626 \\ - 6,262 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 37,740 \\ - 18,870 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 7,347 \\ - 5,182 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 956,201 \\ - 524,110 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 476,747 \\ - 9,696 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 535 \\ - 353 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 90,000 \\ - 1,234 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 37,665 \\ - 776 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 215,451 \\ - 8,795 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 52,252 \\ - 50,992 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad 602,602 \\ - 444,444 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad 5,702 \\ - 2,915 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \quad 877,007 \\ - 525 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad 13,579 \\ - 2,846 \\ \hline \end{array}$$

Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 1,000,000.

Form B

$$\begin{array}{r} \mathbf{1} \quad 13,445 \\ - \quad 522 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{2} \quad 8,789 \\ - 7,987 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{3} \quad 654,631 \\ - 65,432 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{4} \quad 70,338 \\ - 13,074 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{5} \quad 162,478 \\ - 81,759 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{6} \quad 518,018 \\ - 8,515 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{7} \quad 71,717 \\ - 7,171 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{8} \quad 51,120 \\ - 25,560 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{9} \quad 6,536 \\ - 5,372 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{10} \quad 833,021 \\ - 312,110 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{11} \quad 596,454 \\ - 9,393 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{12} \quad 626 \\ - 262 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{13} \quad 70,000 \\ - 2,345 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{14} \quad 28,776 \\ - 887 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{15} \quad 437,673 \\ - 9,895 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{16} \quad 32,131 \\ - 30,881 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{17} \quad 501,501 \\ - 333,333 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{18} \quad 6,803 \\ - 4,806 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{19} \quad 966,006 \\ - 414 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{20} \quad 14,568 \\ - 3,725 \\ \hline \end{array}$$



Multiply.

Form A

$$\begin{array}{r} \mathbf{1} \quad 205 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{2} \quad 6,660 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{3} \quad 378 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{4} \quad 1,221 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{5} \quad 5,062 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{6} \quad 829 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{7} \quad 116 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{8} \quad 7,256 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{9} \quad 444 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{10} \quad 3,136 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{11} \quad 2,222 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{12} \quad 761 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{13} \quad 530 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{14} \quad 142 \\ \times 222 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{15} \quad 875 \\ \times 305 \\ \hline \end{array}$$

$$\begin{array}{r} \mathbf{16} \quad 250 \\ \times 250 \\ \hline \end{array}$$

Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply.

Form B

$$\begin{array}{r} \text{1} \quad 305 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} \text{2} \quad 7,770 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} \text{3} \quad 178 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} \text{4} \quad 2,332 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} \text{5} \quad 6,052 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} \text{6} \quad 629 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} \text{7} \quad 114 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} \text{8} \quad 5,256 \\ \times 76 \\ \hline \end{array}$$

$$\begin{array}{r} \text{9} \quad 555 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} \text{10} \quad 1,136 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} \text{11} \quad 4,444 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} \text{12} \quad 861 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} \text{13} \quad 230 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} \text{14} \quad 142 \\ \times 111 \\ \hline \end{array}$$

$$\begin{array}{r} \text{15} \quad 375 \\ \times 805 \\ \hline \end{array}$$

$$\begin{array}{r} \text{16} \quad 125 \\ \times 125 \\ \hline \end{array}$$



Divide 3- and 4-digit dividends with mental math on some steps.

Form A

1

$$11 \overline{)396}$$

2

$$20 \overline{)6,040}$$

3

$$50 \overline{)650}$$

4

$$21 \overline{)1,575}$$

5

$$25 \overline{)1,075}$$

6

$$40 \overline{)760}$$

7

$$70 \overline{)1,610}$$

8

$$22 \overline{)968}$$

9

$$12 \overline{)2,928}$$

10

$$31 \overline{)961}$$

11

$$20 \overline{)520}$$

12

$$30 \overline{)3,360}$$

Divide 3- and 4-digit dividends with mental math on some steps.

Form B

1

$$11 \overline{)286}$$

2

$$20 \overline{)8,100}$$

3

$$50 \overline{)850}$$

4

$$21 \overline{)1,155}$$

5

$$25 \overline{)1,150}$$

6

$$40 \overline{)560}$$

7

$$60 \overline{)1,380}$$

8

$$22 \overline{)792}$$

9

$$12 \overline{)1,464}$$

10

$$31 \overline{)992}$$

11

$$20 \overline{)540}$$

12

$$30 \overline{)6,330}$$



Multi-Digit Division—Skills Practice

Name: _____

Divide 3-, 4-, and 5-digit dividends with mental math on some steps.

Form A

1

$$50 \overline{)950}$$

2

$$20 \overline{)8,100}$$

3

$$21 \overline{)672}$$

4

$$31 \overline{)2,294}$$

5

$$22 \overline{)1,782}$$

6

$$11 \overline{)605}$$

7

$$30 \overline{)780}$$

8

$$25 \overline{)5,575}$$

9

$$25 \overline{)10,625}$$

10

$$50 \overline{)71,600}$$

11

$$50 \overline{)26,600}$$

12

$$20 \overline{)66,660}$$

Multi-Digit Division—Skills Practice

Name: _____

Divide 3-, 4-, and 5-digit dividends with mental math on some steps.

Form B

1

$$50 \overline{)850}$$

2

$$20 \overline{)6,100}$$

3

$$21 \overline{)462}$$

4

$$31 \overline{)1,674}$$

5

$$22 \overline{)2,002}$$

6

$$11 \overline{)715}$$

7

$$30 \overline{)720}$$

8

$$25 \overline{)8,350}$$

9

$$25 \overline{)11,250}$$

10

$$50 \overline{)61,700}$$

11

$$50 \overline{)26,150}$$

12

$$20 \overline{)44,440}$$



Multi-Digit Division—Skills Practice

Name: _____

Divide 3-, 4-, and 5-digit dividends.

Form A

1

$$72 \overline{)648}$$

2

$$30 \overline{)2,880}$$

3

$$58 \overline{)5,974}$$

4

$$18 \overline{)828}$$

5

$$23 \overline{)759}$$

6

$$40 \overline{)960}$$

7

$$86 \overline{)4,472}$$

8

$$12 \overline{)7,632}$$

9

$$22 \overline{)40,766}$$

10

$$15 \overline{)10,875}$$

11

$$64 \overline{)23,296}$$

12

$$20 \overline{)91,340}$$

Multi-Digit Division—Skills Practice

Name: _____

Divide 3-, 4-, and 5-digit dividends.

Form B

1

$$74 \overline{)592}$$

2

$$30 \overline{)2,580}$$

3

$$56 \overline{)5,936}$$

4

$$16 \overline{)768}$$

5

$$33 \overline{)825}$$

6

$$60 \overline{)840}$$

7

$$88 \overline{)4,488}$$

8

$$12 \overline{)7,872}$$

9

$$42 \overline{)59,010}$$

10

$$15 \overline{)10,125}$$

11

$$62 \overline{)21,452}$$

12

$$20 \overline{)93,560}$$



Find patterns with zeros.

Set A

1 $80 \overline{)800}$

2 $80 \overline{)8,000}$

3 $80 \overline{)80,000}$

4 $40 \overline{)800}$

5 $40 \overline{)8,000}$

6 $40 \overline{)80,000}$

7 $20 \overline{)800}$

8 $20 \overline{)8,000}$

9 $20 \overline{)80,000}$

Set B

1 $200 \overline{)8,000}$

2 $400 \overline{)8,000}$

3 $800 \overline{)8,000}$

4 $20 \overline{)8,000}$

5 $40 \overline{)8,000}$

6 $80 \overline{)8,000}$

7 $2 \overline{)8,000}$

8 $4 \overline{)8,000}$

9 $8 \overline{)8,000}$

Describe a pattern you see in one of the sets of problems above.

Find patterns in dividing by 25 or 50.

Set A

1 $20 \overline{)100}$

2 $25 \overline{)100}$

3 $50 \overline{)100}$

4 $20 \overline{)200}$

5 $25 \overline{)200}$

6 $50 \overline{)200}$

7 $20 \overline{)300}$

8 $25 \overline{)300}$

9 $50 \overline{)300}$

Set B

1 $20 \overline{)1,100}$

2 $25 \overline{)1,100}$

3 $50 \overline{)1,100}$

4 $20 \overline{)1,200}$

5 $25 \overline{)1,200}$

6 $50 \overline{)1,200}$

7 $20 \overline{)1,300}$

8 $25 \overline{)1,300}$

9 $50 \overline{)1,300}$

Describe a pattern you see in one of the sets of problems above.



Decimal Addition—Skills Practice

Name: _____

Add decimals through hundredths.

Form A

1 $0.8 + 0.4 =$ _____

2 $0.33 + 0.66 =$ _____

3 $68.14 + 0.51 =$ _____

4 $0.05 + 0.5 =$ _____

5 $200.02 + 100.1 =$ _____

6 $4.7 + 1.3 =$ _____

7 $7.6 + 7.12 =$ _____

8 $1.26 + 2.21 =$ _____

9 $80.39 + 80.01 =$ _____

10
$$\begin{array}{r} 54.17 \\ + 4.92 \\ \hline \end{array}$$

11
$$\begin{array}{r} 1.91 \\ + 0.09 \\ \hline \end{array}$$

12
$$\begin{array}{r} 108.52 \\ + 258.01 \\ \hline \end{array}$$

13
$$\begin{array}{r} 55.22 \\ + 22.55 \\ \hline \end{array}$$

14
$$\begin{array}{r} 375.1 \\ + 525.7 \\ \hline \end{array}$$

15
$$\begin{array}{r} 0.6 \\ + 0.6 \\ \hline \end{array}$$

16
$$\begin{array}{r} 0.75 \\ + 0.45 \\ \hline \end{array}$$

17
$$\begin{array}{r} 9.24 \\ + 4.26 \\ \hline \end{array}$$

18
$$\begin{array}{r} 6.34 \\ + 3.6 \\ \hline \end{array}$$

19
$$\begin{array}{r} 549.99 \\ + 33.33 \\ \hline \end{array}$$

20
$$\begin{array}{r} 4.84 \\ + 1.82 \\ \hline \end{array}$$

21
$$\begin{array}{r} 48.4 \\ + 18.2 \\ \hline \end{array}$$

Decimal Addition—Skills Practice

Name: _____

Add decimals through hundredths.

Form B

1 $0.5 + 0.8 =$ _____

2 $0.22 + 0.77 =$ _____

3 $46.12 + 0.31 =$ _____

4 $0.09 + 0.9 =$ _____

5 $500.05 + 300.3 =$ _____

6 $6.2 + 1.8 =$ _____

7 $9.6 + 9.31 =$ _____

8 $2.36 + 3.32 =$ _____

9 $70.02 + 70.28 =$ _____

10
$$\begin{array}{r} 64.23 \\ + 4.86 \\ \hline \end{array}$$

11
$$\begin{array}{r} 2.92 \\ + 0.08 \\ \hline \end{array}$$

12
$$\begin{array}{r} 209.71 \\ + 389.02 \\ \hline \end{array}$$

13
$$\begin{array}{r} 44.33 \\ + 33.44 \\ \hline \end{array}$$

14
$$\begin{array}{r} 250.5 \\ + 550.2 \\ \hline \end{array}$$

15
$$\begin{array}{r} 0.7 \\ + 0.7 \\ \hline \end{array}$$

16
$$\begin{array}{r} 0.75 \\ + 0.65 \\ \hline \end{array}$$

17
$$\begin{array}{r} 8.13 \\ + 4.17 \\ \hline \end{array}$$

18
$$\begin{array}{r} 5.42 \\ + 4.5 \\ \hline \end{array}$$

19
$$\begin{array}{r} 329.99 \\ + 22.22 \\ \hline \end{array}$$

20
$$\begin{array}{r} 2.52 \\ + 1.92 \\ \hline \end{array}$$

21
$$\begin{array}{r} 25.2 \\ + 19.2 \\ \hline \end{array}$$



Find place value patterns.

Set A

1 $0.99 + 0.01 = \underline{\hspace{2cm}}$

2 $2.99 + 3.01 = \underline{\hspace{2cm}}$

3 $0.98 + 0.02 = \underline{\hspace{2cm}}$

4 $2.98 + 3.02 = \underline{\hspace{2cm}}$

5 $0.97 + 0.03 = \underline{\hspace{2cm}}$

6 $2.97 + 3.03 = \underline{\hspace{2cm}}$

7 $10.99 + 0.01 = \underline{\hspace{2cm}}$

8 $20.99 + 30.01 = \underline{\hspace{2cm}}$

9 $10.98 + 0.02 = \underline{\hspace{2cm}}$

10 $20.98 + 30.02 = \underline{\hspace{2cm}}$

11 $10.97 + 0.03 = \underline{\hspace{2cm}}$

12 $20.97 + 30.03 = \underline{\hspace{2cm}}$

Set B

1
$$\begin{array}{r} 0.99 \\ + 0.01 \\ \hline \end{array}$$

2
$$\begin{array}{r} 2.99 \\ + 3.01 \\ \hline \end{array}$$

3
$$\begin{array}{r} 50.99 \\ + 40.01 \\ \hline \end{array}$$

4
$$\begin{array}{r} 0.99 \\ + 0.02 \\ \hline \end{array}$$

5
$$\begin{array}{r} 2.99 \\ + 3.02 \\ \hline \end{array}$$

6
$$\begin{array}{r} 50.99 \\ + 40.02 \\ \hline \end{array}$$

7
$$\begin{array}{r} 0.99 \\ + 0.03 \\ \hline \end{array}$$

8
$$\begin{array}{r} 2.99 \\ + 3.03 \\ \hline \end{array}$$

9
$$\begin{array}{r} 50.99 \\ + 40.03 \\ \hline \end{array}$$

Describe a pattern you see in one of the sets of problems above.

Decimal Subtraction—Skills Practice

Name: _____

Subtract decimals through hundredths.

Form A

1 $25.25 - 0.11 =$ _____

2 $0.4 - 0.04 =$ _____

3 $200.4 - 100.04 =$ _____

4 $0.7 - 0.5 =$ _____

5 $70.18 - 10.09 =$ _____

6 $9.5 - 9.05 =$ _____

7 $3.42 - 1.32 =$ _____

8 $0.88 - 0.33 =$ _____

9 $1.25 - 0.75 =$ _____

10
$$\begin{array}{r} 1.42 \\ - 0.43 \\ \hline \end{array}$$

11
$$\begin{array}{r} 1.6 \\ - 0.8 \\ \hline \end{array}$$

12
$$\begin{array}{r} 352.52 \\ - 108.08 \\ \hline \end{array}$$

13
$$\begin{array}{r} 4.36 \\ - 3.6 \\ \hline \end{array}$$

14
$$\begin{array}{r} 725.7 \\ - 175.2 \\ \hline \end{array}$$

15
$$\begin{array}{r} 9.36 \\ - 5.36 \\ \hline \end{array}$$

16
$$\begin{array}{r} 99.88 \\ - 88.77 \\ \hline \end{array}$$

17
$$\begin{array}{r} 99.88 \\ - 88.99 \\ \hline \end{array}$$

18
$$\begin{array}{r} 59.1 \\ - 25.8 \\ \hline \end{array}$$

19
$$\begin{array}{r} 5.91 \\ - 2.58 \\ \hline \end{array}$$

20
$$\begin{array}{r} 802.11 \\ - 22.22 \\ \hline \end{array}$$

21
$$\begin{array}{r} 65.62 \\ - 2.81 \\ \hline \end{array}$$



Decimal Subtraction—Skills Practice

Name: _____

Subtract decimals through hundredths.

Form B

1 $92.92 - 0.11 =$ _____

2 $0.5 - 0.05 =$ _____

3 $400.5 - 200.05 =$ _____

4 $0.8 - 0.2 =$ _____

5 $50.14 - 10.07 =$ _____

6 $3.2 - 3.02 =$ _____

7 $4.46 - 2.26 =$ _____

8 $0.66 - 0.22 =$ _____

9 $1.25 - 0.5 =$ _____

10
$$\begin{array}{r} 1.61 \\ - 0.62 \\ \hline \end{array}$$

11
$$\begin{array}{r} 2.4 \\ - 1.2 \\ \hline \end{array}$$

12
$$\begin{array}{r} 591.91 \\ - 203.03 \\ \hline \end{array}$$

13
$$\begin{array}{r} 6.58 \\ - 5.8 \\ \hline \end{array}$$

14
$$\begin{array}{r} 955.9 \\ - 295.3 \\ \hline \end{array}$$

15
$$\begin{array}{r} 4.72 \\ - 1.72 \\ \hline \end{array}$$

16
$$\begin{array}{r} 77.66 \\ - 66.55 \\ \hline \end{array}$$

17
$$\begin{array}{r} 77.66 \\ - 66.77 \\ \hline \end{array}$$

18
$$\begin{array}{r} 89.1 \\ - 33.6 \\ \hline \end{array}$$

19
$$\begin{array}{r} 8.91 \\ - 3.36 \\ \hline \end{array}$$

20
$$\begin{array}{r} 603.22 \\ - 33.33 \\ \hline \end{array}$$

21
$$\begin{array}{r} 43.48 \\ - 1.74 \\ \hline \end{array}$$

Find place value patterns.

Set A

1 $1 - 0.01 =$ _____

2 $1 - 0.02 =$ _____

3 $2 - 1.01 =$ _____

4 $2 - 1.02 =$ _____

5 $3 - 2.01 =$ _____

6 $3 - 2.02 =$ _____

7 $11 - 10.01 =$ _____

8 $11 - 10.02 =$ _____

9 $12 - 11.01 =$ _____

10 $12 - 11.02 =$ _____

11 $13 - 12.01 =$ _____

12 $13 - 12.02 =$ _____

Set B

1
$$\begin{array}{r} 1.1 \\ - 1.01 \\ \hline \end{array}$$

2
$$\begin{array}{r} 51.1 \\ - 1.01 \\ \hline \end{array}$$

3
$$\begin{array}{r} 101.1 \\ - 1.01 \\ \hline \end{array}$$

4
$$\begin{array}{r} 2.1 \\ - 1.01 \\ \hline \end{array}$$

5
$$\begin{array}{r} 52.1 \\ - 1.01 \\ \hline \end{array}$$

6
$$\begin{array}{r} 102.1 \\ - 1.01 \\ \hline \end{array}$$

7
$$\begin{array}{r} 3.1 \\ - 1.01 \\ \hline \end{array}$$

8
$$\begin{array}{r} 53.1 \\ - 1.01 \\ \hline \end{array}$$

9
$$\begin{array}{r} 103.1 \\ - 1.01 \\ \hline \end{array}$$

Describe a pattern you see in one of the sets of problems above.



Decimal Multiplication—Skills Practice

Name: _____

Multiply.

Form A

1 $3 \times 0.6 =$ _____

2 $1.2 \times 1.2 =$ _____

3 $0.5 \times 4 =$ _____

4 $0.7 \times 0.2 =$ _____

5 $7 \times 0.02 =$ _____

6 $5.5 \times 0.1 =$ _____

7 $25 \times 0.01 =$ _____

8 $0.4 \times 0.08 =$ _____

9 $0.09 \times 10 =$ _____

10
$$\begin{array}{r} 3.7 \\ \times 0.4 \\ \hline \end{array}$$

11
$$\begin{array}{r} 1.8 \\ \times 4 \\ \hline \end{array}$$

12
$$\begin{array}{r} 6.12 \\ \times 0.5 \\ \hline \end{array}$$

13
$$\begin{array}{r} 3.06 \\ \times 2 \\ \hline \end{array}$$

14
$$\begin{array}{r} 0.31 \\ \times 0.6 \\ \hline \end{array}$$

15
$$\begin{array}{r} 1.75 \\ \times 2.5 \\ \hline \end{array}$$

16
$$\begin{array}{r} 0.11 \\ \times 14 \\ \hline \end{array}$$

17
$$\begin{array}{r} 4.1 \\ \times 5.2 \\ \hline \end{array}$$

18
$$\begin{array}{r} 3.33 \\ \times 2.2 \\ \hline \end{array}$$

19
$$\begin{array}{r} 33.3 \\ \times 0.22 \\ \hline \end{array}$$

20
$$\begin{array}{r} 0.5 \\ \times 15 \\ \hline \end{array}$$

21
$$\begin{array}{r} 11.1 \\ \times 0.09 \\ \hline \end{array}$$

Decimal Multiplication—Skills Practice

Name: _____

Multiply.

Form B

1 $4 \times 0.4 =$ _____

2 $1.1 \times 1.1 =$ _____

3 $0.5 \times 6 =$ _____

4 $0.6 \times 0.2 =$ _____

5 $6 \times 0.02 =$ _____

6 $8.8 \times 0.1 =$ _____

7 $15 \times 0.01 =$ _____

8 $0.9 \times 0.04 =$ _____

9 $0.03 \times 10 =$ _____

10
$$\begin{array}{r} 5.4 \\ \times 0.3 \\ \hline \end{array}$$

11
$$\begin{array}{r} 1.3 \\ \times 5 \\ \hline \end{array}$$

12
$$\begin{array}{r} 8.24 \\ \times 0.5 \\ \hline \end{array}$$

13
$$\begin{array}{r} 4.12 \\ \times 2 \\ \hline \end{array}$$

14
$$\begin{array}{r} 0.72 \\ \times 0.3 \\ \hline \end{array}$$

15
$$\begin{array}{r} 1.25 \\ \times 7.5 \\ \hline \end{array}$$

16
$$\begin{array}{r} 0.11 \\ \times 16 \\ \hline \end{array}$$

17
$$\begin{array}{r} 6.2 \\ \times 5.1 \\ \hline \end{array}$$

18
$$\begin{array}{r} 2.22 \\ \times 4.4 \\ \hline \end{array}$$

19
$$\begin{array}{r} 22.2 \\ \times 0.44 \\ \hline \end{array}$$

20
$$\begin{array}{r} 0.5 \\ \times 25 \\ \hline \end{array}$$

21
$$\begin{array}{r} 11.1 \\ \times 0.08 \\ \hline \end{array}$$



Find place value patterns.

Set A

1 $3 \times 0.1 = \underline{\hspace{2cm}}$

2 $3 \times 0.01 = \underline{\hspace{2cm}}$

3 $3 \times 0.2 = \underline{\hspace{2cm}}$

4 $3 \times 0.02 = \underline{\hspace{2cm}}$

5 $3 \times 0.3 = \underline{\hspace{2cm}}$

6 $3 \times 0.03 = \underline{\hspace{2cm}}$

7 $3 \times 0.4 = \underline{\hspace{2cm}}$

8 $3 \times 0.04 = \underline{\hspace{2cm}}$

9 $3 \times 0.5 = \underline{\hspace{2cm}}$

10 $3 \times 0.05 = \underline{\hspace{2cm}}$

Set B

1
$$\begin{array}{r} 4 \\ \times 0.2 \\ \hline \end{array}$$

2
$$\begin{array}{r} 0.4 \\ \times 0.2 \\ \hline \end{array}$$

3
$$\begin{array}{r} 0.04 \\ \times 0.2 \\ \hline \end{array}$$

4
$$\begin{array}{r} 8 \\ \times 0.2 \\ \hline \end{array}$$

5
$$\begin{array}{r} 0.8 \\ \times 0.2 \\ \hline \end{array}$$

6
$$\begin{array}{r} 0.08 \\ \times 0.2 \\ \hline \end{array}$$

7
$$\begin{array}{r} 12 \\ \times 0.2 \\ \hline \end{array}$$

8
$$\begin{array}{r} 1.2 \\ \times 0.2 \\ \hline \end{array}$$

9
$$\begin{array}{r} 0.12 \\ \times 0.2 \\ \hline \end{array}$$

Describe a pattern you see in one of the sets of problems above.

Decimal Division—Skills Practice

Name: _____

Divide decimals through hundredths.

Form A

1 $3.2 \div 4 =$ _____

2 $12 \div 0.12 =$ _____

3 $2.8 \div 0.7 =$ _____

4 $0.9 \div 0.1 =$ _____

5 $6 \div 0.3 =$ _____

6 $1.15 \div 0.05 =$ _____

7 $1.32 \div 12 =$ _____

8 $1.32 \div 0.12 =$ _____

9 $0.8 \div 4 =$ _____

10 $1.04 \div 0.8 =$ _____

11 $3.6 \div 0.9 =$ _____

12 $30 \div 0.5 =$ _____

13 $24 \div 0.04 =$ _____

14 $1.2 \div 0.6 =$ _____

15 $1.2 \div 0.06 =$ _____

16 $0.15 \div 3 =$ _____

17 $3.33 \div 0.3 =$ _____

18 $28 \div 1.4 =$ _____

19 $1.05 \div 5 =$ _____

20 $1.05 \div 0.05 =$ _____

21 $0.49 \div 0.7 =$ _____

22 $0.8 \div 8 =$ _____

23 $4.4 \div 11 =$ _____

24 $0.36 \div 6 =$ _____



Decimal Division—Skills Practice

Name: _____

Divide decimals through hundredths.

Form B

1 $2.4 \div 6 =$ _____

2 $13 \div 0.13 =$ _____

3 $3.5 \div 0.7 =$ _____

4 $0.2 \div 0.1 =$ _____

5 $8 \div 0.4 =$ _____

6 $1.05 \div 0.05 =$ _____

7 $1.44 \div 12 =$ _____

8 $1.44 \div 0.12 =$ _____

9 $0.6 \div 2 =$ _____

10 $1.12 \div 0.8 =$ _____

11 $4.2 \div 0.7 =$ _____

12 $45 \div 0.5 =$ _____

13 $36 \div 0.09 =$ _____

14 $1.8 \div 0.6 =$ _____

15 $1.8 \div 0.06 =$ _____

16 $0.21 \div 3 =$ _____

17 $2.22 \div 0.2 =$ _____

18 $24 \div 1.2 =$ _____

19 $1.25 \div 5 =$ _____

20 $1.25 \div 0.05 =$ _____

21 $0.64 \div 0.8 =$ _____

22 $0.9 \div 9 =$ _____

23 $3.3 \div 11 =$ _____

24 $0.81 \div 9 =$ _____

Find place value patterns.

Set A

1 $12 \div 0.1 =$ _____

2 $60 \div 0.1 =$ _____

3 $12 \div 0.2 =$ _____

4 $60 \div 0.2 =$ _____

5 $12 \div 0.3 =$ _____

6 $60 \div 0.3 =$ _____

7 $12 \div 0.4 =$ _____

8 $60 \div 0.4 =$ _____

9 $12 \div 0.6 =$ _____

10 $60 \div 0.6 =$ _____

Set B

1 $0.2 \overline{)2}$

2 $0.2 \overline{)0.2}$

3 $0.2 \overline{)0.02}$

4 $0.2 \overline{)4}$

5 $0.2 \overline{)0.4}$

6 $0.2 \overline{)0.04}$

7 $0.2 \overline{)6}$

8 $0.2 \overline{)0.6}$

9 $0.2 \overline{)0.06}$

Describe a pattern you see in one of the sets of problems above.



Fraction Addition—Skills Practice

Name: _____

Add fractions or mixed numbers.

Form A

1 $2\frac{3}{10} + \frac{2}{5} =$ _____

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

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

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

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

6 $\frac{1}{5} + \frac{3}{4} =$ _____

7 $9\frac{2}{3} + \frac{5}{6} =$ _____

8 $\frac{11}{12} + 2\frac{3}{4} =$ _____

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

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

11
$$\begin{array}{r} \frac{3}{4} \\ + \frac{9}{10} \\ \hline \end{array}$$

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

13
$$\begin{array}{r} 2\frac{1}{4} \\ + \frac{3}{8} \\ \hline \end{array}$$

Fraction Addition—Skills Practice

Name: _____

Add fractions or mixed numbers.

Form B

1 $1\frac{1}{3} + \frac{1}{6} =$ _____

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

3 $\frac{1}{2} + \frac{5}{12} =$ _____

4 $2\frac{9}{10} + 2\frac{1}{4} =$ _____

5 $1\frac{3}{8} + 1\frac{1}{6} =$ _____

6 $\frac{2}{3} + \frac{1}{8} =$ _____

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

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

9 $4\frac{1}{4} + 3\frac{1}{3} =$ _____

10 $\frac{3}{5} + 1\frac{1}{4} =$ _____

11
$$\begin{array}{r} \frac{4}{5} \\ + \frac{1}{3} \\ \hline \end{array}$$

12
$$\begin{array}{r} 5\frac{5}{8} \\ + 2\frac{3}{4} \\ \hline \end{array}$$

13
$$\begin{array}{r} 3\frac{1}{2} \\ + \frac{3}{10} \\ \hline \end{array}$$



Find regrouping patterns.

Set A

$$\mathbf{1} \quad 1\frac{3}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{2} \quad 1\frac{3}{4} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{3} \quad 2\frac{3}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{4} \quad 2\frac{3}{4} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{5} \quad 3\frac{3}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{6} \quad 3\frac{3}{4} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{7} \quad 4\frac{3}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{8} \quad 4\frac{3}{4} + \frac{1}{2} = \underline{\hspace{2cm}}$$

Set B

$$\mathbf{1} \quad \begin{array}{r} 2\frac{7}{8} \\ + \frac{1}{8} \\ \hline \end{array}$$

$$\mathbf{2} \quad \begin{array}{r} 2\frac{7}{8} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\mathbf{3} \quad \begin{array}{r} 2\frac{7}{8} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\mathbf{4} \quad \begin{array}{r} 3\frac{7}{8} \\ + \frac{1}{8} \\ \hline \end{array}$$

$$\mathbf{5} \quad \begin{array}{r} 3\frac{7}{8} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\mathbf{6} \quad \begin{array}{r} 3\frac{7}{8} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\mathbf{7} \quad \begin{array}{r} 4\frac{7}{8} \\ + \frac{1}{8} \\ \hline \end{array}$$

$$\mathbf{8} \quad \begin{array}{r} 4\frac{7}{8} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\mathbf{9} \quad \begin{array}{r} 4\frac{7}{8} \\ + \frac{1}{2} \\ \hline \end{array}$$

Describe a pattern you see in one of the sets of problems above.

Fraction Subtraction—Skills Practice

Name: _____

Subtract fractions or mixed numbers.

Form A

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

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

3 $4\frac{1}{10} - 1 =$ _____

4 $4\frac{1}{4} - 2\frac{5}{12} =$ _____

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

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

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

8 $\frac{5}{6} - \frac{5}{8} =$ _____

9 $5\frac{3}{10} - 4\frac{1}{2} =$ _____

10 $3\frac{3}{5} - 1\frac{3}{4} =$ _____

11
$$\begin{array}{r} 5 \\ - 2\frac{1}{6} \\ \hline \end{array}$$

12
$$\begin{array}{r} 1\frac{1}{3} \\ - \frac{3}{12} \\ \hline \end{array}$$

13
$$\begin{array}{r} 3\frac{7}{8} \\ - 2\frac{2}{3} \\ \hline \end{array}$$



Fraction Subtraction—Skills Practice

Name: _____

Subtract fractions or mixed numbers.

Form B

1 $4\frac{11}{12} - \frac{5}{6} =$ _____

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

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

4 $5\frac{1}{5} - 2\frac{7}{10} =$ _____

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

6 $2\frac{5}{12} - 2\frac{1}{4} =$ _____

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

8 $\frac{3}{4} - \frac{2}{3} =$ _____

9 $4 - 2\frac{5}{12} =$ _____

10 $4\frac{1}{6} - 2\frac{5}{8} =$ _____

11
$$\begin{array}{r} 4 \\ - 2\frac{5}{12} \\ \hline \end{array}$$

12
$$\begin{array}{r} 2\frac{3}{4} \\ - \frac{1}{12} \\ \hline \end{array}$$

13
$$\begin{array}{r} 8\frac{3}{10} \\ - 3\frac{1}{4} \\ \hline \end{array}$$

Find regrouping patterns.

Set A

$$\mathbf{1} \quad 1\frac{3}{4} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{2} \quad 1\frac{1}{2} - \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{3} \quad 2\frac{3}{4} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{4} \quad 2\frac{1}{2} - \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{5} \quad 3\frac{3}{4} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{6} \quad 3\frac{1}{2} - \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\mathbf{7} \quad 4\frac{3}{4} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\mathbf{8} \quad 4\frac{1}{2} - \frac{3}{4} = \underline{\hspace{2cm}}$$

Set B

$$\mathbf{1} \quad \begin{array}{r} 6\frac{1}{4} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\mathbf{2} \quad \begin{array}{r} 6\frac{1}{4} \\ - \frac{1}{2} \\ \hline \end{array}$$

$$\mathbf{3} \quad \begin{array}{r} 6\frac{1}{4} \\ - \frac{3}{4} \\ \hline \end{array}$$

$$\mathbf{4} \quad \begin{array}{r} 7\frac{1}{4} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\mathbf{5} \quad \begin{array}{r} 7\frac{1}{4} \\ - \frac{1}{2} \\ \hline \end{array}$$

$$\mathbf{6} \quad \begin{array}{r} 7\frac{1}{4} \\ - \frac{3}{4} \\ \hline \end{array}$$

$$\mathbf{7} \quad \begin{array}{r} 8\frac{1}{4} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\mathbf{8} \quad \begin{array}{r} 8\frac{1}{4} \\ - \frac{1}{2} \\ \hline \end{array}$$

$$\mathbf{9} \quad \begin{array}{r} 8\frac{1}{4} \\ - \frac{3}{4} \\ \hline \end{array}$$

Describe a pattern you see in one of the sets of problems above.



Fraction Multiplication—Skills Practice

Name: _____

Multiply fractions and whole numbers.

Form A

1 $2 \times \frac{3}{8} =$ _____

2 $4 \times \frac{2}{3} =$ _____

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

4 $\frac{2}{5} \times 6 =$ _____

5 $7 \times \frac{3}{10} =$ _____

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

7 $3 \times \frac{5}{8} =$ _____

8 $\frac{3}{4} \times 2 =$ _____

9 $\frac{2}{3} \times 2 =$ _____

10 $6 \times \frac{3}{5} =$ _____

11 $\frac{1}{6} \times 3 =$ _____

12 $4 \times \frac{4}{5} =$ _____

13 $\frac{7}{8} \times 5 =$ _____

14 $9 \times \frac{1}{3} =$ _____

15 $\frac{1}{20} \times 10 =$ _____

16 $8 \times \frac{1}{8} =$ _____

17 $\frac{5}{12} \times 4 =$ _____

18 $12 \times \frac{3}{4} =$ _____

Fraction Multiplication—Skills Practice

Name: _____

Multiply fractions and whole numbers.

Form B

1 $\frac{3}{8} \times 3 =$ _____

2 $\frac{2}{3} \times 6 =$ _____

3 $9 \times \frac{1}{2} =$ _____

4 $\frac{2}{5} \times 5 =$ _____

5 $\frac{3}{10} \times 3 =$ _____

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

7 $2 \times \frac{5}{8} =$ _____

8 $\frac{3}{4} \times 3 =$ _____

9 $4 \times \frac{2}{3} =$ _____

10 $\frac{3}{5} \times 8 =$ _____

11 $4 \times \frac{1}{6} =$ _____

12 $\frac{4}{5} \times 5 =$ _____

13 $\frac{7}{8} \times 2 =$ _____

14 $6 \times \frac{1}{3} =$ _____

15 $\frac{1}{20} \times 5 =$ _____

16 $6 \times \frac{1}{6} =$ _____

17 $\frac{5}{12} \times 3 =$ _____

18 $8 \times \frac{3}{4} =$ _____



Fraction Multiplication—Skills Practice

Name: _____

Multiply fractions by fractions.

Form A

1 $\frac{3}{4} \times \frac{1}{4} =$ _____

2 $\frac{1}{5} \times \frac{1}{2} =$ _____

3 $\frac{2}{3} \times \frac{2}{5} =$ _____

4 $\frac{5}{12} \times \frac{1}{2} =$ _____

5 $\frac{3}{4} \times \frac{3}{8} =$ _____

6 $\frac{4}{5} \times \frac{5}{6} =$ _____

7 $\frac{7}{10} \times \frac{7}{10} =$ _____

8 $\frac{2}{3} \times \frac{2}{3} =$ _____

9 $\frac{9}{10} \times \frac{1}{2} =$ _____

10 $\frac{1}{3} \times \frac{1}{6} =$ _____

11 $\frac{5}{8} \times \frac{8}{5} =$ _____

12 $\frac{3}{10} \times \frac{3}{5} =$ _____

13 $\frac{3}{8} \times \frac{5}{8} =$ _____

14 $\frac{2}{5} \times \frac{4}{3} =$ _____

15 $\frac{1}{4} \times \frac{4}{1} =$ _____

16 $\frac{9}{10} \times \frac{3}{4} =$ _____

17 $\frac{1}{3} \times \frac{7}{10} =$ _____

18 $\frac{7}{8} \times \frac{2}{3} =$ _____

Fraction Multiplication—Skills Practice

Name: _____

Multiply fractions by fractions.

Form B

1 $\frac{2}{5} \times \frac{1}{5} =$ _____

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

3 $\frac{3}{5} \times \frac{3}{8} =$ _____

4 $\frac{5}{8} \times \frac{1}{2} =$ _____

5 $\frac{2}{3} \times \frac{2}{8} =$ _____

6 $\frac{3}{4} \times \frac{4}{5} =$ _____

7 $\frac{3}{10} \times \frac{3}{10} =$ _____

8 $\frac{5}{8} \times \frac{5}{8} =$ _____

9 $\frac{9}{12} \times \frac{1}{2} =$ _____

10 $\frac{1}{4} \times \frac{1}{2} =$ _____

11 $\frac{4}{5} \times \frac{5}{4} =$ _____

12 $\frac{2}{5} \times \frac{2}{3} =$ _____

13 $\frac{3}{10} \times \frac{7}{10} =$ _____

14 $\frac{5}{6} \times \frac{10}{8} =$ _____

15 $\frac{1}{6} \times \frac{6}{1} =$ _____

16 $\frac{7}{8} \times \frac{5}{6} =$ _____

17 $\frac{1}{12} \times \frac{2}{3} =$ _____

18 $\frac{3}{4} \times \frac{5}{8} =$ _____



Multiply by a unit fraction to find patterns.

Set A

1 $12 \div 2 =$ _____

2 $12 \times \frac{1}{2} = \frac{\square}{\square} =$ _____

3 $12 \div 3 =$ _____

4 $12 \times \frac{1}{3} = \frac{\square}{\square} =$ _____

5 $12 \div 4 =$ _____

6 $12 \times \frac{1}{4} = \frac{\square}{\square} =$ _____

7 $12 \div 6 =$ _____

8 $12 \times \frac{1}{6} = \frac{\square}{\square} =$ _____

9 $12 \div 12 =$ _____

10 $12 \times \frac{1}{12} = \frac{\square}{\square} =$ _____

Set B

1 $6 \div 6 =$ _____

2 $6 \times \frac{1}{6} = \frac{\square}{\square} =$ _____

3 $60 \div 60 =$ _____

4 $60 \times \frac{1}{60} = \frac{\square}{\square} =$ _____

5 $600 \div 600 =$ _____

6 $600 \times \frac{1}{600} = \frac{\square}{\square} =$ _____

Describe a pattern you see in one of the sets of problems above.

Fraction Division—Skills Practice

Name: _____

Divide a fraction by a whole number and divide a whole number by a fraction.

Form A

1 $2 \div \frac{1}{3} =$ _____

2 $3 \div \frac{1}{2} =$ _____

3 $5 \div \frac{1}{5} =$ _____

4 $\frac{1}{3} \div 3 =$ _____

5 $\frac{1}{4} \div 5 =$ _____

6 $\frac{1}{5} \div 4 =$ _____

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

8 $4 \div \frac{1}{3} =$ _____

9 $6 \div \frac{1}{5} =$ _____

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

11 $\frac{1}{3} \div 6 =$ _____

12 $\frac{1}{6} \div 3 =$ _____

13 $2 \div \frac{1}{6} =$ _____

14 $5 \div \frac{1}{4} =$ _____

15 $4 \div \frac{1}{5} =$ _____

16 $\frac{1}{5} \div 2 =$ _____

17 $\frac{1}{2} \div 5 =$ _____

18 $\frac{1}{3} \div 2 =$ _____



Fraction Division—Skills Practice

Name: _____

Divide a fraction by a whole number and divide a whole number by a fraction.

Form B

1 $5 \div \frac{1}{3} =$ _____

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

3 $2 \div \frac{1}{2} =$ _____

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

5 $\frac{1}{4} \div 2 =$ _____

6 $\frac{1}{2} \div 4 =$ _____

7 $2 \div \frac{1}{5} =$ _____

8 $5 \div \frac{1}{2} =$ _____

9 $4 \div \frac{1}{6} =$ _____

10 $\frac{1}{5} \div 5 =$ _____

11 $\frac{1}{6} \div 4 =$ _____

12 $\frac{1}{4} \div 6 =$ _____

13 $6 \div \frac{1}{3} =$ _____

14 $10 \div \frac{1}{2} =$ _____

15 $2 \div \frac{1}{10} =$ _____

16 $\frac{1}{2} \div 6 =$ _____

17 $\frac{1}{6} \div 2 =$ _____

18 $\frac{1}{8} \div 5 =$ _____

Divide by a unit fraction to find patterns.

Set A

1 $6 \times 2 =$ _____

2 $6 \div \frac{1}{2} =$ _____

3 $6 \times 3 =$ _____

4 $6 \div \frac{1}{3} =$ _____

5 $6 \times$ _____ $= 24$

6 $6 \div \frac{\square}{\square} = 24$

7 $6 \times$ _____ $= 30$

8 $6 \div \frac{\square}{\square} = 30$

9 $6 \times$ _____ $= 36$

10 $6 \div \frac{\square}{\square} = 36$

Set B

1 $7 \times 10 =$ _____

2 $7 \div \frac{1}{10} =$ _____

3 $8 \times 10 =$ _____

4 $8 \div \frac{1}{10} =$ _____

5 $9 \times 10 =$ _____

6 $9 \div \frac{1}{10} =$ _____

7 $10 \times 10 =$ _____

8 $10 \div \frac{1}{10} =$ _____

Describe a pattern you see in one of the sets of problems above.

