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Multi-Digit Addition—Skills Practice

Name: _____

Add within 10,000.

Form A

$$\begin{array}{r} \textbf{1} \quad 2,145 \\ + 653 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{2} \quad 5,260 \\ + 417 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{3} \quad 1,083 \\ + 2,513 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{4} \quad 2,864 \\ + 7,135 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{5} \quad 1,248 \\ + 532 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{6} \quad 3,709 \\ + 152 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{7} \quad 4,561 \\ + 1,054 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{8} \quad 5,726 \\ + 3,742 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{9} \quad 3,750 \\ + 456 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{10} \quad 2,538 \\ + 167 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{11} \quad 1,659 \\ + 3,291 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{12} \quad 4,806 \\ + 3,255 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{13} \quad 6,725 \\ + 385 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{14} \quad 5,218 \\ + 938 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{15} \quad 6,002 \\ + 2,999 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{16} \quad 8,375 \\ + 1,625 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{17} \quad 4,278 \\ + 3,956 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{18} \quad 9,407 \\ + 396 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{19} \quad 3,098 \\ + 2,574 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{20} \quad 2,710 \\ + 5,690 \\ \hline \end{array}$$

Add within 10,000.**Form B**

$$\begin{array}{r} \text{1} \quad 1,247 \\ + \quad 532 \\ \hline \end{array}$$

$$\begin{array}{r} \text{2} \quad 3,415 \\ + \quad 243 \\ \hline \end{array}$$

$$\begin{array}{r} \text{3} \quad 1,068 \\ + 1,510 \\ \hline \end{array}$$

$$\begin{array}{r} \text{4} \quad 4,037 \\ + 5,062 \\ \hline \end{array}$$

$$\begin{array}{r} \text{5} \quad 2,653 \\ + \quad 412 \\ \hline \end{array}$$

$$\begin{array}{r} \text{6} \quad 1,087 \\ + \quad 637 \\ \hline \end{array}$$

$$\begin{array}{r} \text{7} \quad 1,960 \\ + 3,204 \\ \hline \end{array}$$

$$\begin{array}{r} \text{8} \quad 6,723 \\ + 1,238 \\ \hline \end{array}$$

$$\begin{array}{r} \text{9} \quad 4,058 \\ + \quad 852 \\ \hline \end{array}$$

$$\begin{array}{r} \text{10} \quad 2,718 \\ + \quad 534 \\ \hline \end{array}$$

$$\begin{array}{r} \text{11} \quad 3,605 \\ + 2,795 \\ \hline \end{array}$$

$$\begin{array}{r} \text{12} \quad 2,806 \\ + 6,294 \\ \hline \end{array}$$

$$\begin{array}{r} \text{13} \quad 6,725 \\ + \quad 385 \\ \hline \end{array}$$

$$\begin{array}{r} \text{14} \quad 5,218 \\ + \quad 938 \\ \hline \end{array}$$

$$\begin{array}{r} \text{15} \quad 7,538 \\ + 2,462 \\ \hline \end{array}$$

$$\begin{array}{r} \text{16} \quad 3,999 \\ + 4,006 \\ \hline \end{array}$$

$$\begin{array}{r} \text{17} \quad 7,092 \\ + 1,865 \\ \hline \end{array}$$

$$\begin{array}{r} \text{18} \quad 8,444 \\ + \quad 565 \\ \hline \end{array}$$

$$\begin{array}{r} \text{19} \quad 5,146 \\ + 3,175 \\ \hline \end{array}$$

$$\begin{array}{r} \text{20} \quad 8,470 \\ + 1,525 \\ \hline \end{array}$$



Multi-Digit Addition—Skills Practice

Name: _____

Add within 100,000.

Form A

1 10,352
+ 1,430

2 16,164
+ 1,325

3 20,753
+ 10,104

4 50,618
+ 24,350

5 15,200
+ 999

6 32,145
+ 4,625

7 64,102
+ 17,254

8 24,390
+ 56,180

9 93,752
+ 598

10 46,250
+ 23,805

11 12,643
+ 52,794

12 54,622
+ 34,588

13 23,856
+ 15,246

14 47,423
+ 19,836

15 49,999
+ 3,999

16 90,187
+ 9,783

17 84,678
+ 6,395

18 27,329
+ 15,896

19 52,098
+ 28,107

20 48,365
+ 51,635

Multi-Digit Addition—Skills Practice

Name: _____

Add within 100,000.

Form B

1 10,943
+ 2,035

2 17,342
+ 1,340

3 12,453
+ 20,143

4 61,238
+ 24,501

5 34,210
+ 1,399

6 72,643
+ 8,142

7 15,920
+ 63,254

8 45,806
+ 54,159

9 94,627
+ 987

10 68,254
+ 2,438

11 26,513
+ 25,974

12 21,942
+ 38,657

13 23,658
+ 8,467

14 47,652
+ 27,836

15 29,999
+ 3,999

16 84,316
+ 15,684

17 74,895
+ 16,395

18 57,918
+ 25,896

19 42,968
+ 20,947

20 45,163
+ 27,989



Multi-Digit Addition—Repeated Reasoning

Name: _____

Find place value patterns in the tens.

Set A

1 $201 + 109 =$ _____

2 $1,201 + 109 =$ _____

3 $2,201 + 109 =$ _____

4 $202 + 109 =$ _____

5 $1,202 + 109 =$ _____

6 $2,202 + 109 =$ _____

7 $203 + 109 =$ _____

8 $1,203 + 109 =$ _____

9 $2,203 + 109 =$ _____

10 $204 + 109 =$ _____

11 $1,204 + 109 =$ _____

12 $2,204 + 109 =$ _____

Set B

1
$$\begin{array}{r} 1,325 \\ + 25 \\ \hline \end{array}$$

2
$$\begin{array}{r} 1,326 \\ + 25 \\ \hline \end{array}$$

3
$$\begin{array}{r} 1,327 \\ + 25 \\ \hline \end{array}$$

4
$$\begin{array}{r} 1,325 \\ + 125 \\ \hline \end{array}$$

5
$$\begin{array}{r} 1,326 \\ + 125 \\ \hline \end{array}$$

6
$$\begin{array}{r} 1,327 \\ + 125 \\ \hline \end{array}$$

7
$$\begin{array}{r} 1,326 \\ + 126 \\ \hline \end{array}$$

8
$$\begin{array}{r} 1,327 \\ + 126 \\ \hline \end{array}$$

9
$$\begin{array}{r} 1,328 \\ + 126 \\ \hline \end{array}$$

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

Find place value patterns in the hundreds.

Set A

1 $190 + 210 = \underline{\hspace{2cm}}$

2 $290 + 210 = \underline{\hspace{2cm}}$

3 $1,290 + 210 = \underline{\hspace{2cm}}$

4 $190 + 220 = \underline{\hspace{2cm}}$

5 $290 + 220 = \underline{\hspace{2cm}}$

6 $1,290 + 220 = \underline{\hspace{2cm}}$

7 $190 + 230 = \underline{\hspace{2cm}}$

8 $290 + 230 = \underline{\hspace{2cm}}$

9 $1,290 + 230 = \underline{\hspace{2cm}}$

10 $190 + 240 = \underline{\hspace{2cm}}$

11 $290 + 240 = \underline{\hspace{2cm}}$

12 $1,290 + 240 = \underline{\hspace{2cm}}$

Set B

1
$$\begin{array}{r} 102 \\ + 298 \\ \hline \end{array}$$

2
$$\begin{array}{r} 112 \\ + 298 \\ \hline \end{array}$$

3
$$\begin{array}{r} 118 \\ + 292 \\ \hline \end{array}$$

4
$$\begin{array}{r} 202 \\ + 298 \\ \hline \end{array}$$

5
$$\begin{array}{r} 212 \\ + 298 \\ \hline \end{array}$$

6
$$\begin{array}{r} 218 \\ + 292 \\ \hline \end{array}$$

7
$$\begin{array}{r} 302 \\ + 298 \\ \hline \end{array}$$

8
$$\begin{array}{r} 312 \\ + 298 \\ \hline \end{array}$$

9
$$\begin{array}{r} 318 \\ + 292 \\ \hline \end{array}$$

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



Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 10,000.

Form A

1 4,865
— 2,341

2 1,788
— 1,263

3 2,592
— 1,271

4 7,342
— 4,132

5 8,790
— 6,688

6 3,743
— 626

7 9,487
— 1,394

8 6,427
— 2,515

9 2,637
— 2,419

10 3,780
— 671

11 8,618
— 3,425

12 4,756
— 3,813

13 8,403
— 6,520

14 1,438
— 839

15 4,725
— 1,439

16 7,275
— 4,188

17 5,274
— 2,778

18 2,923
— 1,976

19 5,824
— 2,948

20 6,743
— 2,878

Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 10,000.

Form B

1
$$\begin{array}{r} 5,647 \\ - 3,210 \\ \hline \end{array}$$

2
$$\begin{array}{r} 2,748 \\ - \quad 312 \\ \hline \end{array}$$

3
$$\begin{array}{r} 5,429 \\ - 4,003 \\ \hline \end{array}$$

4
$$\begin{array}{r} 6,918 \\ - 4,105 \\ \hline \end{array}$$

5
$$\begin{array}{r} 8,263 \\ - 1,453 \\ \hline \end{array}$$

6
$$\begin{array}{r} 1,397 \\ - 1,239 \\ \hline \end{array}$$

7
$$\begin{array}{r} 4,131 \\ - 2,051 \\ \hline \end{array}$$

8
$$\begin{array}{r} 7,382 \\ - 2,581 \\ \hline \end{array}$$

9
$$\begin{array}{r} 2,732 \\ - 1,108 \\ \hline \end{array}$$

10
$$\begin{array}{r} 4,803 \\ - \quad 615 \\ \hline \end{array}$$

11
$$\begin{array}{r} 8,652 \\ - 3,481 \\ \hline \end{array}$$

12
$$\begin{array}{r} 3,607 \\ - 2,801 \\ \hline \end{array}$$

13
$$\begin{array}{r} 8,275 \\ - 2,391 \\ \hline \end{array}$$

14
$$\begin{array}{r} 3,120 \\ - 1,052 \\ \hline \end{array}$$

15
$$\begin{array}{r} 9,253 \\ - \quad 198 \\ \hline \end{array}$$

16
$$\begin{array}{r} 6,732 \\ - 5,587 \\ \hline \end{array}$$

17
$$\begin{array}{r} 4,366 \\ - 1,568 \\ \hline \end{array}$$

18
$$\begin{array}{r} 1,812 \\ - \quad 945 \\ \hline \end{array}$$

19
$$\begin{array}{r} 7,493 \\ - 2,594 \\ \hline \end{array}$$

20
$$\begin{array}{r} 7,423 \\ - 2,846 \\ \hline \end{array}$$



Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 100,000.

Form A

$$\begin{array}{r} \textbf{1} \quad 47,863 \\ - \quad 251 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{2} \quad 19,038 \\ - 11,018 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{3} \quad 28,682 \\ - \quad 3,270 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{4} \quad 76,429 \\ - 20,306 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{5} \quad 81,235 \\ - 20,017 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{6} \quad 36,725 \\ - \quad 1,582 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{7} \quad 94,130 \\ - 20,125 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{8} \quad 64,728 \\ - \quad 3,914 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{9} \quad 28,236 \\ - \quad 8,915 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{10} \quad 58,623 \\ - 26,374 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{11} \quad 72,160 \\ - \quad 2,087 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{12} \quad 38,412 \\ - 25,651 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{13} \quad 34,210 \\ - \quad 8,105 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{14} \quad 10,714 \\ - \quad 9,456 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{15} \quad 63,258 \\ - 21,399 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{16} \quad 40,805 \\ - 15,912 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{17} \quad 53,126 \\ - 45,928 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{18} \quad 80,052 \\ - 71,963 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{19} \quad 24,350 \\ - \quad 9,582 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{20} \quad 100,000 \\ - 86,932 \\ \hline \end{array}$$

Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 100,000.

Form B

$$\begin{array}{r} \text{1} \quad 53,641 \\ - 1,320 \\ \hline \end{array}$$

$$\begin{array}{r} \text{2} \quad 85,472 \\ - 82,302 \\ \hline \end{array}$$

$$\begin{array}{r} \text{3} \quad 93,245 \\ - 32,025 \\ \hline \end{array}$$

$$\begin{array}{r} \text{4} \quad 43,619 \\ - 20,301 \\ \hline \end{array}$$

$$\begin{array}{r} \text{5} \quad 30,582 \\ - 156 \\ \hline \end{array}$$

$$\begin{array}{r} \text{6} \quad 12,987 \\ - 2,793 \\ \hline \end{array}$$

$$\begin{array}{r} \text{7} \quad 82,056 \\ - 50,330 \\ \hline \end{array}$$

$$\begin{array}{r} \text{8} \quad 73,542 \\ - 25,402 \\ \hline \end{array}$$

$$\begin{array}{r} \text{9} \quad 27,810 \\ - 15,675 \\ \hline \end{array}$$

$$\begin{array}{r} \text{10} \quad 94,321 \\ - 4,255 \\ \hline \end{array}$$

$$\begin{array}{r} \text{11} \quad 65,852 \\ - 23,890 \\ \hline \end{array}$$

$$\begin{array}{r} \text{12} \quad 18,376 \\ - 8,953 \\ \hline \end{array}$$

$$\begin{array}{r} \text{13} \quad 15,008 \\ - 2,409 \\ \hline \end{array}$$

$$\begin{array}{r} \text{14} \quad 20,530 \\ - 19,790 \\ \hline \end{array}$$

$$\begin{array}{r} \text{15} \quad 99,325 \\ - 38,547 \\ \hline \end{array}$$

$$\begin{array}{r} \text{16} \quad 50,364 \\ - 37,148 \\ \hline \end{array}$$

$$\begin{array}{r} \text{17} \quad 36,825 \\ - 28,967 \\ \hline \end{array}$$

$$\begin{array}{r} \text{18} \quad 38,972 \\ - 19,999 \\ \hline \end{array}$$

$$\begin{array}{r} \text{19} \quad 45,000 \\ - 37,955 \\ \hline \end{array}$$

$$\begin{array}{r} \text{20} \quad 100,000 \\ - 23,871 \\ \hline \end{array}$$



Multi-Digit Subtraction— Repeated Reasoning

Name: _____

Find patterns in subtracting small numbers.

Set A

1 $897 - 1 = \underline{\hspace{2cm}}$

2 $897 - 2 = \underline{\hspace{2cm}}$

3 $898 - 1 = \underline{\hspace{2cm}}$

4 $898 - 2 = \underline{\hspace{2cm}}$

5 $899 - 1 = \underline{\hspace{2cm}}$

6 $899 - 2 = \underline{\hspace{2cm}}$

7 $900 - 1 = \underline{\hspace{2cm}}$

8 $900 - 2 = \underline{\hspace{2cm}}$

9 $901 - 1 = \underline{\hspace{2cm}}$

10 $901 - 2 = \underline{\hspace{2cm}}$

Set B

1
$$\begin{array}{r} 650 \\ - 10 \\ \hline \end{array}$$

2
$$\begin{array}{r} 650 \\ - 20 \\ \hline \end{array}$$

3
$$\begin{array}{r} 650 \\ - 30 \\ \hline \end{array}$$

4
$$\begin{array}{r} 320 \\ - 10 \\ \hline \end{array}$$

5
$$\begin{array}{r} 320 \\ - 20 \\ \hline \end{array}$$

6
$$\begin{array}{r} 320 \\ - 30 \\ \hline \end{array}$$

7
$$\begin{array}{r} 400 \\ - 10 \\ \hline \end{array}$$

8
$$\begin{array}{r} 400 \\ - 20 \\ \hline \end{array}$$

9
$$\begin{array}{r} 400 \\ - 30 \\ \hline \end{array}$$

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

Multi-Digit Subtraction— Repeated Reasoning

Name: _____

Find place value patterns in subtracting hundreds.

Set A

1 $156 - 104 =$ _____

2 $256 - 104 =$ _____

3 $156 - 105 =$ _____

4 $256 - 105 =$ _____

5 $156 - 106 =$ _____

6 $256 - 106 =$ _____

7 $156 - 107 =$ _____

8 $256 - 107 =$ _____

9 $156 - 108 =$ _____

10 $256 - 108 =$ _____

Set B

1
$$\begin{array}{r} 625 \\ - 101 \\ \hline \end{array}$$

2
$$\begin{array}{r} 625 \\ - 102 \\ \hline \end{array}$$

3
$$\begin{array}{r} 625 \\ - 103 \\ \hline \end{array}$$

4
$$\begin{array}{r} 625 \\ - 201 \\ \hline \end{array}$$

5
$$\begin{array}{r} 625 \\ - 202 \\ \hline \end{array}$$

6
$$\begin{array}{r} 625 \\ - 203 \\ \hline \end{array}$$

7
$$\begin{array}{r} 625 \\ - 301 \\ \hline \end{array}$$

8
$$\begin{array}{r} 625 \\ - 302 \\ \hline \end{array}$$

9
$$\begin{array}{r} 625 \\ - 303 \\ \hline \end{array}$$

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



Fraction Addition—Skills Practice

Name: _____

Add fractions.

Form A

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

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

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

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

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

6 $\frac{5}{8} + \frac{2}{8} =$ _____

7 $\frac{3}{12} + \frac{5}{12} =$ _____

8 $\frac{5}{100} + \frac{5}{100} =$ _____

9 $\frac{6}{10} + \frac{3}{10} =$ _____

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

11 $\frac{4}{8} + \frac{5}{8} =$ _____

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

13 $\frac{2}{6} + \frac{5}{6} =$ _____

14 $\frac{3}{12} + \frac{7}{12} =$ _____

15 $\frac{80}{100} + \frac{8}{100} =$ _____

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

17 $\frac{3}{4} + \frac{5}{4} =$ _____

18 $\frac{2}{8} + \frac{3}{8} =$ _____

19 $\frac{8}{5} + \frac{2}{5} =$ _____

20 $\frac{8}{10} + \frac{3}{10} =$ _____

21 $\frac{1}{3} + \frac{2}{3} + \frac{1}{3} =$ _____

22 $\frac{4}{5} + \frac{2}{5} + \frac{3}{5} =$ _____

23 $\frac{2}{6} + \frac{1}{6} + \frac{2}{6} =$ _____

24 $\frac{5}{8} + \frac{2}{8} + \frac{1}{8} =$ _____

25 $\frac{2}{10} + \frac{1}{10} + \frac{5}{10} =$ _____

26 $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$ _____

27 $\frac{7}{12} + \frac{1}{12} + \frac{3}{12} =$ _____

Fraction Addition—Skills Practice

Name: _____

Add fractions.

Form B

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

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

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

4 $\frac{3}{10} + \frac{2}{10} =$ _____

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

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

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

8 $\frac{2}{100} + \frac{8}{100} =$ _____

9 $\frac{60}{100} + \frac{30}{100} =$ _____

10 $\frac{9}{10} + \frac{3}{10} =$ _____

11 $\frac{3}{5} + \frac{4}{5} =$ _____

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

13 $\frac{3}{8} + \frac{2}{8} =$ _____

14 $\frac{4}{3} + \frac{1}{3} =$ _____

15 $\frac{30}{100} + \frac{300}{100} =$ _____

16 $\frac{4}{12} + \frac{5}{12} =$ _____

17 $\frac{7}{10} + \frac{2}{10} =$ _____

18 $\frac{2}{5} + \frac{3}{5} =$ _____

19 $\frac{3}{2} + \frac{4}{2} =$ _____

20 $\frac{5}{4} + \frac{2}{4} =$ _____

21 $\frac{3}{10} + \frac{5}{10} + \frac{1}{10} =$ _____

22 $\frac{1}{4} + \frac{2}{4} + \frac{3}{4} =$ _____

23 $\frac{2}{8} + \frac{1}{8} + \frac{4}{8} =$ _____

24 $\frac{2}{12} + \frac{3}{12} + \frac{5}{12} =$ _____

25 $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$ _____

26 $\frac{9}{10} + \frac{3}{10} + \frac{1}{10} =$ _____

27 $\frac{4}{5} + \frac{3}{5} + \frac{2}{5} =$ _____



Fraction Addition—Skills Practice

Name: _____

Add mixed numbers.

Form A

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

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

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

4 $2\frac{5}{12} + 3\frac{1}{12} =$ _____

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

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

7 $3\frac{20}{100} + 4\frac{5}{100} =$ _____

8 $9\frac{2}{10} + 3\frac{7}{10} =$ _____

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

10 $10\frac{3}{8} + 2\frac{3}{8} =$ _____

11 $9\frac{1}{3} + \frac{2}{3} =$ _____

12 $7\frac{10}{100} + \frac{7}{100} =$ _____

13 $5\frac{4}{10} + 1\frac{6}{10} =$ _____

14 $4\frac{2}{5} + 5\frac{4}{5} =$ _____

15 $3\frac{1}{2} + 4\frac{1}{2} =$ _____

16 $3\frac{5}{10} + 5\frac{1}{10} =$ _____

17 $6\frac{3}{4} + 4\frac{2}{4} =$ _____

18 $6\frac{2}{8} + 2\frac{5}{8} =$ _____

19 $\frac{8}{12} + 2\frac{7}{12} =$ _____

20 $3\frac{2}{10} + 4\frac{1}{10} =$ _____

21 $10\frac{1}{5} + 8\frac{3}{5} =$ _____

22 $5\frac{3}{4} + 2\frac{3}{4} =$ _____

23 $7\frac{90}{100} + 7\frac{10}{100} =$ _____

24 $6\frac{2}{3} + 4\frac{2}{3} =$ _____

Fraction Addition—Skills Practice

Name: _____

Add mixed numbers.

Form B

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

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

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

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

5 $5\frac{3}{8} + 7\frac{2}{8} =$ _____

6 $2\frac{3}{12} + 3\frac{9}{12} =$ _____

7 $6\frac{9}{10} + 3\frac{2}{10} =$ _____

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

9 $4\frac{3}{8} + 5\frac{4}{8} =$ _____

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

11 $1\frac{3}{12} + 6\frac{5}{12} =$ _____

12 $15\frac{80}{100} + 4\frac{20}{100} =$ _____

13 $5\frac{3}{4} + 6\frac{2}{4} =$ _____

14 $3\frac{1}{8} + 7\frac{4}{8} =$ _____

15 $8\frac{1}{5} + 7\frac{2}{5} =$ _____

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

17 $3\frac{4}{5} + 5\frac{2}{5} =$ _____

18 $2\frac{5}{6} + 9\frac{3}{6} =$ _____

19 $7\frac{8}{10} + 5\frac{9}{10} =$ _____

20 $20\frac{1}{2} + 10\frac{1}{2} =$ _____

21 $7\frac{3}{12} + 2\frac{11}{12} =$ _____

22 $3\frac{7}{8} + 4\frac{5}{8} =$ _____

23 $\frac{32}{100} + 3\frac{55}{100} =$ _____

24 $3\frac{5}{6} + 8\frac{3}{6} =$ _____



Fraction Addition— Repeated Reasoning

Name: _____

Find patterns in adding fractions.

Set A

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

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

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

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

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

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

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

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

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

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

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

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

Set B

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

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

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

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

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

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

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

Fraction Subtraction—Skills Practice

Name: _____

Subtract fractions.

Form A

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

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

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

4 $\frac{7}{10} - \frac{3}{10} =$ _____

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

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

7 $\frac{13}{12} - \frac{5}{12} =$ _____

8 $\frac{50}{100} - \frac{5}{100} =$ _____

9 $\frac{6}{10} - \frac{3}{10} =$ _____

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

11 $\frac{10}{8} - \frac{5}{8} =$ _____

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

13 $\frac{9}{6} - \frac{1}{6} =$ _____

14 $\frac{7}{12} - \frac{3}{12} =$ _____

15 $\frac{80}{100} - \frac{20}{100} =$ _____

16 $\frac{7}{4} - \frac{4}{4} =$ _____

17 $\frac{7}{4} - \frac{3}{4} =$ _____

18 $\frac{7}{8} - \frac{1}{8} =$ _____

19 $\frac{8}{5} - \frac{2}{5} =$ _____

20 $\frac{8}{10} - \frac{3}{10} =$ _____

21 $\frac{6}{3} - \frac{2}{3} =$ _____

22 $\frac{4}{5} - \frac{2}{5} =$ _____

23 $\frac{7}{6} - \frac{5}{6} =$ _____

24 $\frac{10}{8} - \frac{3}{8} =$ _____

25 $\frac{12}{10} - \frac{5}{10} =$ _____

26 $\frac{3}{2} - \frac{3}{2} =$ _____

27 $\frac{6}{12} - \frac{3}{12} =$ _____



Fraction Subtraction—Skills Practice

Name: _____

Subtract fractions.

Form B

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

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

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

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

5 $\frac{11}{12} - \frac{5}{12} =$ _____

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

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

8 $\frac{12}{100} - \frac{8}{100} =$ _____

9 $\frac{60}{100} - \frac{30}{100} =$ _____

10 $\frac{12}{10} - \frac{3}{10} =$ _____

11 $\frac{13}{5} - \frac{4}{5} =$ _____

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

13 $\frac{7}{8} - \frac{1}{8} =$ _____

14 $\frac{5}{3} - \frac{1}{3} =$ _____

15 $\frac{56}{100} - \frac{6}{100} =$ _____

16 $\frac{15}{12} - \frac{3}{12} =$ _____

17 $\frac{7}{10} - \frac{2}{10} =$ _____

18 $\frac{7}{5} - \frac{3}{5} =$ _____

19 $\frac{4}{2} - \frac{3}{2} =$ _____

20 $\frac{7}{4} - \frac{2}{4} =$ _____

21 $\frac{30}{10} - \frac{5}{10} =$ _____

22 $\frac{10}{4} - \frac{2}{4} =$ _____

23 $\frac{7}{8} - \frac{4}{8} =$ _____

24 $\frac{12}{12} - \frac{3}{12} =$ _____

25 $\frac{7}{2} - \frac{5}{2} =$ _____

26 $\frac{9}{10} - \frac{3}{10} =$ _____

27 $\frac{8}{5} - \frac{1}{5} =$ _____

Fraction Subtraction—Skills Practice

Name: _____

Subtract mixed numbers.

Form A

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

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

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

4 $4\frac{5}{12} - 1\frac{3}{12} =$ _____

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

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

7 $7\frac{15}{100} - 2\frac{5}{100} =$ _____

8 $8\frac{2}{10} - 3\frac{7}{10} =$ _____

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

10 $10\frac{3}{8} - 2\frac{3}{8} =$ _____

11 $10\frac{1}{3} - \frac{2}{3} =$ _____

12 $2\frac{10}{100} - \frac{7}{100} =$ _____

13 $5\frac{6}{10} - 1\frac{3}{10} =$ _____

14 $6\frac{2}{5} - 5\frac{4}{5} =$ _____

15 $9\frac{1}{2} - 4\frac{1}{2} =$ _____

16 $7\frac{5}{10} - 5\frac{1}{10} =$ _____

17 $6\frac{3}{4} - 4\frac{2}{4} =$ _____

18 $6\frac{2}{8} - 2\frac{5}{8} =$ _____

19 $2\frac{8}{12} - 2\frac{7}{12} =$ _____

20 $6\frac{2}{10} - 4\frac{7}{10} =$ _____

21 $10\frac{1}{5} - 8\frac{4}{5} =$ _____

22 $5\frac{1}{4} - 2\frac{3}{4} =$ _____

23 $7\frac{90}{100} - 7\frac{10}{100} =$ _____

24 $6\frac{1}{3} - 4\frac{2}{3} =$ _____



Fraction Subtraction—Skills Practice

Name: _____

Subtract mixed numbers.

Form B

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

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

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

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

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

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

7 $9\frac{20}{100} - 5\frac{2}{100} =$ _____

8 $8\frac{7}{10} - 3\frac{1}{10} =$ _____

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

10 $1\frac{1}{8} - \frac{3}{8} =$ _____

11 $4\frac{1}{3} - \frac{3}{3} =$ _____

12 $8\frac{60}{100} - 2\frac{10}{100} =$ _____

13 $6\frac{5}{10} - 1\frac{9}{10} =$ _____

14 $8\frac{2}{5} - 5\frac{4}{5} =$ _____

15 $7\frac{1}{2} - 4\frac{1}{2} =$ _____

16 $5\frac{7}{10} - 3\frac{9}{10} =$ _____

17 $1\frac{3}{4} - \frac{2}{4} =$ _____

18 $16\frac{2}{8} - 12\frac{5}{8} =$ _____

19 $5\frac{3}{12} - 2\frac{7}{12} =$ _____

20 $7\frac{2}{10} - 2\frac{7}{10} =$ _____

21 $9\frac{1}{5} - 8\frac{4}{5} =$ _____

22 $3\frac{1}{4} - \frac{3}{4} =$ _____

23 $9\frac{70}{100} - 4\frac{10}{100} =$ _____

24 $14\frac{1}{3} - 9\frac{2}{3} =$ _____

Fraction Subtraction—Repeated Reasoning

Name: _____

Find patterns in subtracting fractions.

Set A

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

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

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

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

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

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

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

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

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

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

11 $2 - \frac{1}{10} =$ _____

12 $3 - \frac{1}{10} =$ _____

Set B

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

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

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

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

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

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

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

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

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

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

11 $5 - 2\frac{1}{10} =$ _____

12 $5 - 3\frac{1}{10} =$ _____

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



Multiply a 2-digit number by a 1-digit number.

Form A

$$\begin{array}{r} 1 \quad 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 21 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 23 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 33 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 11 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 35 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 46 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 51 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 70 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 88 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 78 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 29 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 61 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad 26 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad 58 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \quad 81 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad 75 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \quad 72 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \quad 92 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \quad 49 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \quad 31 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \quad 56 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \quad 34 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \quad 58 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \quad 37 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \quad 64 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \quad 98 \\ \times 9 \\ \hline \end{array}$$

Multiply a 2-digit number by a 1-digit number.

Form B

$$\begin{array}{r} \text{1} \quad 21 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{2} \quad 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{3} \quad 41 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{4} \quad 32 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{5} \quad 22 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{6} \quad 11 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{7} \quad 54 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{8} \quad 64 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{9} \quad 55 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{10} \quad 75 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{11} \quad 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{12} \quad 84 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{13} \quad 57 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{14} \quad 96 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{15} \quad 41 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{16} \quad 82 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{17} \quad 26 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{18} \quad 92 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{19} \quad 81 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{20} \quad 35 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{21} \quad 62 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{22} \quad 43 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{23} \quad 98 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{24} \quad 36 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{25} \quad 28 \\ \times 4 \\ \hline \end{array}$$

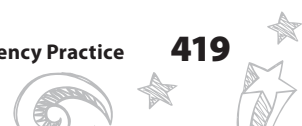
$$\begin{array}{r} \text{26} \quad 53 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{27} \quad 38 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{28} \quad 24 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{29} \quad 48 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{30} \quad 99 \\ \times 9 \\ \hline \end{array}$$



Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply 2-digit numbers.

Form A

1 21
 × 35

2 18
 × 16

3 24
 × 12

4 32
 × 15

5 12
 × 37

6 11
 × 77

7 54
 × 92

8 64
 × 35

9 75
 × 28

10 43
 × 15

11 42
 × 96

12 40
 × 88

13 57
 × 64

14 96
 × 70

15 61
 × 54

16 82
 × 27

17 26
 × 45

18 82
 × 34

19 63
 × 36

20 35
 × 27

21 20
 × 16

22 41
 × 30

23 98
 × 20

24 36
 × 79

25 28
 × 49

Multi-Digit Multiplication

Name: _____

Multiply 2-digit numbers.

Form B

1 12
 × 53

2 86
 × 11

3 55
 × 43

4 23
 × 15

5 12
 × 83

6 11
 × 66

7 94
 × 25

8 46
 × 53

9 37
 × 62

10 78
 × 18

11 24
 × 96

12 14
 × 85

13 74
 × 36

14 97
 × 40

15 41
 × 56

16 92
 × 57

17 63
 × 45

18 52
 × 27

19 84
 × 29

20 99
 × 34

21 50
 × 26

22 74
 × 30

23 89
 × 40

24 36
 × 29

25 98
 × 90



Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 3-digit number by a 1-digit number.

Form A

$$\begin{array}{r} \textbf{1} \quad 513 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{2} \quad 120 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{3} \quad 612 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{4} \quad 711 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{5} \quad 460 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{6} \quad 325 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{7} \quad 940 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{8} \quad 518 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{9} \quad 105 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{10} \quad 862 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{11} \quad 728 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{12} \quad 429 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{13} \quad 123 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{14} \quad 256 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{15} \quad 908 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{16} \quad 381 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{17} \quad 712 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{18} \quad 923 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{19} \quad 752 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{20} \quad 310 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{21} \quad 304 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{22} \quad 502 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{23} \quad 837 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{24} \quad 604 \\ \times \quad 8 \\ \hline \end{array}$$

Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 3-digit number by a 1-digit number.

Form B

1 100
 × 7

2 421
 × 3

3 324
 × 1

4 202
 × 4

5 504
 × 9

6 614
 × 5

7 945
 × 8

8 157
 × 5

9 624
 × 8

10 457
 × 3

11 967
 × 4

12 804
 × 6

13 250
 × 4

14 512
 × 9

15 381
 × 5

16 336
 × 7

17 843
 × 2

18 938
 × 6

19 362
 × 9

20 278
 × 4

21 308
 × 5

22 724
 × 7

23 548
 × 3

24 909
 × 9



Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 4-digit number by a 1-digit number.

Form A

$$\begin{array}{r} \text{1} \quad 5,213 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{2} \quad 6,120 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{3} \quad 5,332 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{4} \quad 5,201 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{5} \quad 4,360 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{6} \quad 7,025 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{7} \quad 1,945 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{8} \quad 3,518 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{9} \quad 2,075 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{10} \quad 4,208 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{11} \quad 7,528 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{12} \quad 5,299 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{13} \quad 1,234 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{14} \quad 2,048 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{15} \quad 9,088 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{16} \quad 8,301 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{17} \quad 7,302 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{18} \quad 9,423 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{19} \quad 7,526 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{20} \quad 4,610 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{21} \quad 3,604 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{22} \quad 5,902 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{23} \quad 8,637 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{24} \quad 6,804 \\ \times \quad 5 \\ \hline \end{array}$$

Multiply a 4-digit number by a 1-digit number.

Form B

$$\begin{array}{r} \textbf{1} \quad 4,130 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{2} \quad 5,212 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{3} \quad 3,023 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{4} \quad 1,200 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{5} \quad 5,170 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{6} \quad 6,047 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{7} \quad 2,593 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{8} \quad 8,350 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{9} \quad 3,084 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{10} \quad 2,708 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{11} \quad 8,925 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{12} \quad 7,599 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{13} \quad 9,423 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{14} \quad 2,048 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{15} \quad 4,625 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{16} \quad 5,304 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{17} \quad 2,730 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{18} \quad 9,067 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{19} \quad 7,199 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{20} \quad 5,402 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{21} \quad 6,521 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{22} \quad 3,207 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{23} \quad 8,022 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{24} \quad 4,635 \\ \times \quad 5 \\ \hline \end{array}$$



Multi-Digit Multiplication— Repeated Reasoning

Name: _____

Find place value patterns.

Set A

1 $6 \times 11 =$ _____

2 $6 \times 101 =$ _____

3 $6 \times 1,001 =$ _____

4 $7 \times 11 =$ _____

5 $7 \times 101 =$ _____

6 $7 \times 1,001 =$ _____

7 $8 \times 11 =$ _____

8 $8 \times 101 =$ _____

9 $8 \times 1,001 =$ _____

10 $9 \times 11 =$ _____

11 $9 \times 101 =$ _____

12 $9 \times 1,001 =$ _____

Set B

1
$$\begin{array}{r} 22 \\ \times 3 \\ \hline \end{array}$$

2
$$\begin{array}{r} 202 \\ \times 3 \\ \hline \end{array}$$

3
$$\begin{array}{r} 2,002 \\ \times 3 \\ \hline \end{array}$$

4
$$\begin{array}{r} 22 \\ \times 4 \\ \hline \end{array}$$

5
$$\begin{array}{r} 202 \\ \times 4 \\ \hline \end{array}$$

6
$$\begin{array}{r} 2,002 \\ \times 4 \\ \hline \end{array}$$

7
$$\begin{array}{r} 22 \\ \times 5 \\ \hline \end{array}$$

8
$$\begin{array}{r} 202 \\ \times 5 \\ \hline \end{array}$$

9
$$\begin{array}{r} 2,002 \\ \times 5 \\ \hline \end{array}$$

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

Multi-Digit Multiplication— Repeated Reasoning

Name: _____

Find patterns multiplying by 98 and 99.

Set A

$$\begin{array}{r} \textbf{1} \quad 99 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{2} \quad 99 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{3} \quad 99 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{4} \quad 199 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{5} \quad 199 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{6} \quad 199 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{7} \quad 299 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{8} \quad 299 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{9} \quad 299 \\ \times 4 \\ \hline \end{array}$$

Set B

$$\begin{array}{r} \textbf{1} \quad 98 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{2} \quad 98 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{3} \quad 98 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{4} \quad 198 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{5} \quad 198 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{6} \quad 198 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{7} \quad 298 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{8} \quad 298 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \textbf{9} \quad 298 \\ \times 4 \\ \hline \end{array}$$

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



Multi-Digit Multiplication— Repeated Reasoning

Name: _____

Find patterns multiplying by near-hundreds.

Set A

1 101
 × 2

2 102
 × 2

3 103
 × 2

4 101
 × 3

5 102
 × 3

6 103
 × 3

7 101
 × 4

8 102
 × 4

9 103
 × 4

Set B

1 202
 × 2

2 202
 × 3

3 202
 × 4

4 203
 × 2

5 203
 × 3

6 203
 × 4

7 204
 × 2

8 204
 × 3

9 204
 × 4

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

Divide 2-digit dividends.

Form A

1 $3 \overline{)81}$

2 $4 \overline{)52}$

3 $5 \overline{)90}$

4 $2 \overline{)78}$

5 $6 \overline{)85}$

6 $9 \overline{)63}$

7 $3 \overline{)92}$

8 $7 \overline{)81}$

9 $2 \overline{)73}$

10 $5 \overline{)70}$

11 $8 \overline{)99}$

12 $4 \overline{)95}$

13 $9 \overline{)98}$

14 $3 \overline{)99}$

15 $6 \overline{)38}$

16 $5 \overline{)95}$

17 $7 \overline{)87}$

18 $8 \overline{)62}$

19 $4 \overline{)82}$

20 $2 \overline{)87}$



Multi-Digit Division—Skills Practice

Name: _____

Divide 2-digit dividends.

Form B

1 $2 \overline{)54}$

2 $3 \overline{)50}$

3 $4 \overline{)34}$

4 $5 \overline{)55}$

5 $6 \overline{)77}$

6 $7 \overline{)91}$

7 $8 \overline{)97}$

8 $9 \overline{)95}$

9 $2 \overline{)89}$

10 $3 \overline{)94}$

11 $4 \overline{)83}$

12 $5 \overline{)78}$

13 $6 \overline{)90}$

14 $7 \overline{)50}$

15 $8 \overline{)80}$

16 $9 \overline{)87}$

17 $2 \overline{)38}$

18 $3 \overline{)94}$

19 $4 \overline{)99}$

20 $5 \overline{)94}$

Divide 3-digit dividends.

Form A

1 $3 \overline{)642}$

2 $4 \overline{)328}$

3 $5 \overline{)745}$

4 $2 \overline{)563}$

5 $9 \overline{)918}$

6 $6 \overline{)905}$

7 $5 \overline{)844}$

8 $7 \overline{)498}$

9 $8 \overline{)407}$

10 $3 \overline{)975}$

11 $2 \overline{)416}$

12 $4 \overline{)592}$

13 $6 \overline{)693}$

14 $5 \overline{)457}$

15 $3 \overline{)860}$



Divide 3-digit dividends.

Form B

1 $3 \overline{)741}$

2 $4 \overline{)508}$

3 $5 \overline{)354}$

4 $2 \overline{)705}$

5 $7 \overline{)936}$

6 $6 \overline{)648}$

7 $5 \overline{)820}$

8 $7 \overline{)149}$

9 $8 \overline{)916}$

10 $3 \overline{)960}$

11 $2 \overline{)613}$

12 $4 \overline{)887}$

13 $6 \overline{)738}$

14 $5 \overline{)432}$

15 $3 \overline{)722}$

Divide 4-digit dividends.

Form A

1 $3 \overline{)6,933}$

2 $4 \overline{)1,304}$

3 $5 \overline{)1,234}$

4 $2 \overline{)7,350}$

5 $7 \overline{)1,589}$

6 $6 \overline{)1,574}$

7 $5 \overline{)2,648}$

8 $3 \overline{)2,845}$

9 $8 \overline{)6,014}$

10 $3 \overline{)8,574}$

11 $2 \overline{)5,318}$

12 $4 \overline{)2,583}$

13 $6 \overline{)3,754}$

14 $5 \overline{)7,138}$

15 $3 \overline{)5,002}$



Divide 4-digit dividends.

Form B

1 $3 \overline{)4,392}$

2 $4 \overline{)3,492}$

3 $5 \overline{)4,206}$

4 $2 \overline{)9,570}$

5 $7 \overline{)2,958}$

6 $6 \overline{)5,241}$

7 $5 \overline{)8,065}$

8 $3 \overline{)4,639}$

9 $8 \overline{)1,854}$

10 $3 \overline{)5,740}$

11 $2 \overline{)7,356}$

12 $4 \overline{)3,820}$

13 $6 \overline{)4,523}$

14 $5 \overline{)6,148}$

15 $3 \overline{)2,005}$

Find patterns in quotients.

Set A

1 $404 \div 1 = \underline{\hspace{2cm}}$

2 $404 \div 2 = \underline{\hspace{2cm}}$

3 $404 \div 4 = \underline{\hspace{2cm}}$

4 $606 \div 2 = \underline{\hspace{2cm}}$

5 $606 \div 3 = \underline{\hspace{2cm}}$

6 $606 \div 6 = \underline{\hspace{2cm}}$

7 $808 \div 2 = \underline{\hspace{2cm}}$

8 $808 \div 4 = \underline{\hspace{2cm}}$

9 $808 \div 8 = \underline{\hspace{2cm}}$

10 $909 \div 1 = \underline{\hspace{2cm}}$

11 $909 \div 3 = \underline{\hspace{2cm}}$

12 $909 \div 9 = \underline{\hspace{2cm}}$

Set B

1 $1 \overline{)1,212}$

2 $2 \overline{)1,212}$

3 $3 \overline{)1,212}$

4 $4 \overline{)1,212}$

5 $6 \overline{)1,212}$

6 $12 \overline{)1,212}$

7 $4 \overline{)2,424}$

8 $6 \overline{)2,424}$

9 $12 \overline{)2,424}$

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



