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Multi-Digit Addition—Skills Practice

Name: _____

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

1 2,145 + 653

2 5,260 + 417

3 1,083 + 2,513

4 2,864 + 7,135

5 1,248 + 532

6 3,709 + 152

7 4,561 + 1,054

8 5,726 + 3,742

9 3,750 + 456

10 2,538 + 167

11 1,659 + 3,291

12 4,806 + 3,255

13 6,725 + 385

14 5,218 + 938

15 6,002 + 2,999

16 8,375 + 1,625

17 4,278 + 3,956

18 9,407 + 396

19 3,098 + 2,574

20 2,710 + 5,690

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Multi-Digit Addition—Skills Practice

Name: _____

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

1 1,247 + 532

2 3,415 + 243

3 1,068 + 1,510

4 4,037 + 5,062

5 2,653 + 412

6 1,087 + 637

7 1,960 + 3,204

8 6,723 + 1,238

9 4,058 + 852

10 2,718 + 534

11 3,605 + 2,795

12 2,806 + 6,294

13 6,725 + 385

14 5,218 + 938

15 7,538 + 2,462

16 3,999 + 4,006

17 7,092 + 1,865

18 8,444 + 565

19 5,146 + 3,175

20 8,470 + 1,525

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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

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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

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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.

_____

_____

_____

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Multi-Digit Addition—Repeated Reasoning

Name: _____

Find place value patterns in the hundreds.

Set A

1. 190 + 210 = _____
2. 290 + 210 = _____
3. 1,290 + 210 = _____
4. 190 + 220 = _____
5. 290 + 220 = _____
6. 1,290 + 220 = _____
7. 190 + 230 = _____
8. 290 + 230 = _____
9. 1,290 + 230 = _____
10. 190 + 240 = _____
11. 290 + 240 = _____
12. 1,290 + 240 = _____

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.

_____

_____

_____

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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

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Multi-Digit Subtraction—Skills Practice

Name: _____

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

1 5,647 − 3,210

2 2,748 − 312

3 5,429 − 4,003

4 6,918 − 4,105

5 8,263 − 1,453

6 1,397 − 1,239

7 4,131 − 2,051

8 7,382 − 2,581

9 2,732 − 1,108

10 4,803 − 615

11 8,652 − 3,481

12 3,607 − 2,801

13 8,275 − 2,391

14 3,120 − 1,052

15 9,253 − 198

16 6,732 − 5,587

17 4,366 − 1,568

18 1,812 − 945

19 7,493 − 2,594

20 7,423 − 2,846

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Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 100,000. **Form A**

1 47,863 − 251

2 19,038 − 11,018

3 28,682 − 3,270

4 76,429 − 20,306

5 81,235 − 20,017

6 36,725 − 1,582

7 94,130 − 20,125

8 64,728 − 3,914

9 28,236 − 8,915

10 58,623 − 26,374

11 72,160 − 2,087

12 38,412 − 25,651

13 34,210 − 8,105

14 10,714 − 9,456

15 63,258 − 21,399

16 40,805 − 15,912

17 53,126 − 45,928

18 80,052 − 71,963

19 24,350 − 9,582

20 100,000 − 86,932

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Multi-Digit Subtraction—Skills Practice

Name: _____

Subtract within 100,000. **Form B**

1 53,641 − 1,320

2 85,472 − 82,302

3 93,245 − 32,025

4 43,619 − 20,301

5 30,582 − 156

6 12,987 − 2,793

7 82,056 − 50,330

8 73,542 − 25,402

9 27,810 − 15,675

10 94,321 − 4,255

11 65,852 − 23,890

12 18,376 − 8,953

13 15,008 − 2,409

14 20,530 − 19,790

15 99,325 − 38,547

16 50,364 − 37,148

17 36,825 − 28,967

18 38,972 − 19,999

19 45,000 − 37,955

20 100,000 − 23,871

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Multi-Digit Subtraction—Repeated Reasoning

Name: _____

Find patterns in subtracting small numbers.

Set A

1. 897 − 1 = _____
2. 897 − 2 = _____
3. 898 − 1 = _____
4. 898 − 2 = _____
5. 899 − 1 = _____
6. 899 − 2 = _____
7. 900 − 1 = _____
8. 900 − 2 = _____
9. 901 − 1 = _____
10. 901 − 2 = _____

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.

_____

_____

_____

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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. 625 − 101
2. 625 − 102
3. 625 − 103
4. 625 − 201
5. 625 − 202
6. 625 − 203
7. 625 − 301
8. 625 − 302
9. 625 − 303

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

_____

_____

_____

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

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

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

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

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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.

_____

_____

_____

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

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

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

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

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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.

_____

_____

_____

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Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 2-digit number by a 1-digit number. **Form A**

1 12 × 2	**2** 10 × 3	**3** 21 × 4	**4** 23 × 1	**5** 33 × 2
6 11 × 8	**7** 35 × 4	**8** 46 × 5	**9** 51 × 3	**10** 70 × 5
11 10 × 9	**12** 88 × 4	**13** 78 × 5	**14** 29 × 6	**15** 61 × 6
16 12 × 7	**17** 26 × 8	**18** 58 × 9	**19** 81 × 7	**20** 75 × 3
21 72 × 3	**22** 92 × 3	**23** 49 × 7	**24** 31 × 6	**25** 56 × 4
26 34 × 6	**27** 58 × 5	**28** 37 × 7	**29** 64 × 8	**30** 98 × 9

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Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 2-digit number by a 1-digit number. **Form B**

1 21 × 2	**2** 10 × 6	**3** 41 × 3	**4** 32 × 1	**5** 22 × 4
6 11 × 7	**7** 54 × 9	**8** 64 × 5	**9** 55 × 8	**10** 75 × 5
11 12 × 9	**12** 84 × 8	**13** 57 × 4	**14** 96 × 7	**15** 41 × 6
16 82 × 7	**17** 26 × 5	**18** 92 × 6	**19** 81 × 3	**20** 35 × 7
21 62 × 8	**22** 43 × 8	**23** 98 × 2	**24** 36 × 9	**25** 28 × 4
26 53 × 4	**27** 38 × 5	**28** 24 × 7	**29** 48 × 3	**30** 99 × 9

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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

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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

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Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 3-digit number by a 1-digit number. **Form A**

1 513 × 2

2 120 × 3

3 612 × 4

4 711 × 5

5 460 × 3

6 325 × 7

7 940 × 5

8 518 × 3

9 105 × 9

10 862 × 4

11 728 × 5

12 429 × 6

13 123 × 7

14 256 × 8

15 908 × 9

16 381 × 2

17 712 × 3

18 923 × 3

19 752 × 7

20 310 × 6

21 304 × 6

22 502 × 5

23 837 × 6

24 604 × 8

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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

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Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 4-digit number by a 1-digit number. **Form A**

1 5,213 × 2

2 6,120 × 4

3 5,332 × 3

4 5,201 × 4

5 4,360 × 5

6 7,025 × 3

7 1,945 × 6

8 3,518 × 7

9 2,075 × 9

10 4,208 × 6

11 7,528 × 2

12 5,299 × 3

13 1,234 × 7

14 2,048 × 5

15 9,088 × 3

16 8,301 × 8

17 7,302 × 4

18 9,423 × 2

19 7,526 × 4

20 4,610 × 6

21 3,604 × 8

22 5,902 × 9

23 8,637 × 6

24 6,804 × 5

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Multi-Digit Multiplication—Skills Practice

Name: _____

Multiply a 4-digit number by a 1-digit number. **Form B**

1 4,130 × 2

2 5,212 × 4

3 3,023 × 3

4 1,200 × 4

5 5,170 × 5

6 6,047 × 8

7 2,593 × 6

8 8,350 × 7

9 3,084 × 9

10 2,708 × 6

11 8,925 × 2

12 7,599 × 3

13 9,423 × 4

14 2,048 × 5

15 4,625 × 7

16 5,304 × 8

17 2,730 × 3

18 9,067 × 2

19 7,199 × 4

20 5,402 × 7

21 6,521 × 8

22 3,207 × 9

23 8,022 × 6

24 4,635 × 5

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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.

_____

_____

_____

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Multi-Digit Multiplication—Repeated Reasoning

Name: _____

Find patterns multiplying by 98 and 99.

Set A

1 99 × 2

2 99 × 3

3 99 × 4

4 199 × 2

5 199 × 3

6 199 × 4

7 299 × 2

8 299 × 3

9 299 × 4

Set B

1 98 × 2

2 98 × 3

3 98 × 4

4 198 × 2

5 198 × 3

6 198 × 4

7 298 × 2

8 298 × 3

9 298 × 4

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

_____

_____

_____

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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.

_____

_____

_____

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Multi-Digit Division—Skills Practice

Name: _____

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 $2\overline{)87}$

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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 $5\overline{)94}$

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Multi-Digit Division—Skills Practice

Name: _____

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 $3\overline{)860}$

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Multi-Digit Division—Skills Practice

Name: _____

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 $3\overline{)722}$

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Multi-Digit Division—Skills Practice

Name: _____

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

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Multi-Digit Division—Skills Practice

Name: _____

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

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Multi-Digit Division—Repeated Reasoning

Name: _____

Find patterns in quotients.

Set A

1. 404 ÷ 1 = _____
2. 404 ÷ 2 = _____
3. 404 ÷ 4 = _____
4. 606 ÷ 2 = _____
5. 606 ÷ 3 = _____
6. 606 ÷ 6 = _____
7. 808 ÷ 2 = _____
8. 808 ÷ 4 = _____
9. 808 ÷ 8 = _____
10. 909 ÷ 1 = _____
11. 909 ÷ 3 = _____
12. 909 ÷ 9 = _____

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.

_____

_____

_____

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