

NAME \_\_\_\_\_

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# Addition & Subtraction Review

1 Solve the addition problems below.

$$\begin{array}{r} 457 \\ + 142 \\ \hline \end{array}$$

$$\begin{array}{r} 387 \\ + 414 \\ \hline \end{array}$$

$$\begin{array}{r} 609 \\ + 734 \\ \hline \end{array}$$

$$\begin{array}{r} 1,589 \\ + 3,437 \\ \hline \end{array}$$

2 Solve the subtraction problems below.



$$\begin{array}{r} 803 \\ - 547 \\ \hline \end{array}$$

$$\begin{array}{r} 745 \\ - 548 \\ \hline \end{array}$$

$$\begin{array}{r} 985 \\ - 237 \\ \hline \end{array}$$

$$\begin{array}{r} 3,581 \\ - 1,346 \\ \hline \end{array}$$

3 Fill in the missing numbers to make each equation true.

<b>a</b> $100 = \underline{\hspace{2cm}} + 30$	<b>b</b> $100 \times \underline{\hspace{2cm}} = 1,000$
<b>c</b> $4 = \underline{\hspace{2cm}} \div 9$	<b>d</b> $\underline{\hspace{2cm}} = 100 - 56$
 <b>e</b> $18 \times 2 = \underline{\hspace{2cm}} \times 4$	 <b>f</b> $90 \div \underline{\hspace{2cm}} = 5 \times 9$

4 Fill in the missing digits.

**example**

$$\begin{array}{r} 5 \boxed{3} \boxed{6} \\ - 248 \\ \hline \boxed{2}88 \end{array}$$

**a**

$$\begin{array}{r} \boxed{\phantom{0}}0\boxed{\phantom{0}} \\ - 1\boxed{\phantom{0}}9 \\ \hline 223 \end{array}$$

**b**

$$\begin{array}{r} \boxed{\phantom{0}}82 \\ - 1\boxed{\phantom{0}}\boxed{\phantom{0}} \\ \hline 405 \end{array}$$

**c**

$$\begin{array}{r} \boxed{\phantom{0}}246 \\ - 1\boxed{\phantom{0}}2\boxed{\phantom{0}} \\ \hline 29\boxed{\phantom{0}}7 \end{array}$$

**d**

$$\begin{array}{r} 30\boxed{\phantom{0}}8 \\ - 1\boxed{\phantom{0}}9\boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}}712 \end{array}$$

**e**

$$\begin{array}{r} 506\boxed{\phantom{0}}3 \\ - \boxed{\phantom{0}}7\boxed{\phantom{0}}55 \\ \hline 1\boxed{\phantom{0}}13\boxed{\phantom{0}} \end{array}$$

**Homework Practice***Add and Subtract Whole Numbers***Add or subtract.**

$$\begin{array}{r} 1. \quad 58 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 301 \\ + 279 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 913 \\ - 603 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 708 \\ - 275 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 4,025 \\ + 1,913 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8,642 \\ - 2,003 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 21,745 \\ + 16,744 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 489 \\ - 153 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 608 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 6,245 \\ - 1,745 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 968 \\ + 113 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 12,729 \\ + 11,883 \\ \hline \end{array}$$

**Spiral Review****Solve. Use the *work backward* strategy. (Lesson 2-3)**

- 10.** Russell wants to go bowling with his friend. Admission to the alley is \$5 per person plus \$2 for shoe rental and \$3 an hour to bowl. If Russell has \$20, and will also pay for his friend, how long can he bowl with his friend? \_\_\_\_\_
- 11.** Jill finished her Saturday chores at 3 P.M. She spent 23 minutes washing the dog, 26 minutes vacuuming, 11 minutes folding laundry, and 30 minutes cleaning her room. What time did she start her chores? \_\_\_\_\_

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# Adding & Subtracting Decimals

**1** Complete the following addition problems.

$$\begin{array}{r} 3.034 \\ + 1.886 \\ \hline 4.920 \end{array}$$

$$\begin{array}{r} 4.067 \\ + 3.290 \\ \hline \end{array}$$

$$\begin{array}{r} 1.437 \\ + 1.042 \\ \hline \end{array}$$

$$\begin{array}{r} 7.63 \\ + 4.592 \\ \hline \end{array}$$

$$\begin{array}{r} 4.803 \\ + 1.420 \\ \hline \end{array}$$

$2.45 + 1.469 = \underline{\hspace{2cm}}$

$3.043 + 1.588 = \underline{\hspace{2cm}}$

**2** Complete the following subtraction problems.

$$\begin{array}{r} 3.046 \\ - 1.273 \\ \hline 1.773 \end{array}$$

$$\begin{array}{r} 2.405 \\ - 0.512 \\ \hline \end{array}$$

$$\begin{array}{r} 3.437 \\ - 2.106 \\ \hline \end{array}$$

$$\begin{array}{r} 5.26 \\ - 3.40 \\ \hline \end{array}$$

$$\begin{array}{r} 4.513 \\ - 1.382 \\ \hline \end{array}$$

$5.604 - 3.025 = \underline{\hspace{2cm}}$

$6.045 - 2.039 = \underline{\hspace{2cm}}$

**3** Circle the pairs of numbers whose sums are greater than 2.

$1.26 + 0.773$

$1.255 + 0.094$

$1.53 + 0.458$

$1.502 + 0.6$

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## Decimal Addition & Subtraction

**1** Fill in the missing digits below to make the inequalities true. There will be more than one correct way to fill in each missing digit.

<b>ex</b> $3 < 1.\underline{5}06 + 1.5$	<b>a</b> $0.705 + 1.\underline{\quad}98 < 2$
<b>b</b> $4 < 2.406 + 1.\underline{\quad}09$	<b>c</b> $1.620 + 1.\underline{\quad}82 > 3$

**2** Complete the following addition problems.

$$\begin{array}{r} \phantom{0}^1\phantom{0}^1 \\ 3.034 \\ + 1.886 \\ \hline 4.920 \end{array}$$

$$\begin{array}{r} 12.32 \\ + 4.099 \\ \hline \end{array}$$

$$\begin{array}{r} 6.005 \\ + 12.243 \\ \hline \end{array}$$

$$\begin{array}{r} 17.28 \\ + 3.8 \\ \hline \end{array}$$

$$\begin{array}{r} 7.853 \\ + 3.629 \\ \hline \end{array}$$

$$3.45 + 5.062 = \underline{\hspace{2cm}}$$

$$8.049 + 4.356 = \underline{\hspace{2cm}}$$

**3** Complete the following subtraction problems.

$$\begin{array}{r} \phantom{0}^2\phantom{0}^9 \\ 3.046 \\ - 1.273 \\ \hline 1.773 \end{array}$$

$$\begin{array}{r} 5.38 \\ - 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 4.263 \\ - 2.051 \\ \hline \end{array}$$

$$\begin{array}{r} 8.03 \\ - 3.485 \\ \hline \end{array}$$

$$\begin{array}{r} 12.238 \\ - 9.065 \\ \hline \end{array}$$

$$15.204 - 8.039 = \underline{\hspace{2cm}}$$

$$13.006 - 12.058 = \underline{\hspace{2cm}}$$

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## Decimal Addition & Subtraction Review

**1** Fill in the missing digit so that each sum is *greater* than 1. In some cases, there will be more than one correct answer.

<b>ex</b> $0.106 + 0.\underline{9}02$	<b>a</b> $0.512 + 0.4\underline{\quad}6$
<b>b</b> $0.920 + 0.\underline{\quad}98$	<b>c</b> $0.386 + 0.61\underline{\quad}$

**2** Complete the following addition problems.

$$\begin{array}{r} 3.0\overset{1}{3}4 \\ + 1.886 \\ \hline 4.920 \end{array}$$

$$\begin{array}{r} 2.006 \\ + 7.989 \\ \hline \end{array}$$

$$\begin{array}{r} 3.080 \\ + 14.513 \\ \hline \end{array}$$

$$\begin{array}{r} 24.38 \\ + 5.9 \\ \hline \end{array}$$

$$\begin{array}{r} 7.608 \\ + 2.600 \\ \hline \end{array}$$

$$3.27 + 5.049 = \underline{\hspace{2cm}}$$

$$4.438 + 1.96 = \underline{\hspace{2cm}}$$

**3** Complete the following subtraction problems.

$$\begin{array}{r} 3.046 \\ - 1.273 \\ \hline 1.773 \end{array}$$

$$\begin{array}{r} 3.675 \\ - 0.947 \\ \hline \end{array}$$

$$\begin{array}{r} 4.438 \\ - 2.210 \\ \hline \end{array}$$

$$\begin{array}{r} 10.17 \\ - 8.99 \\ \hline \end{array}$$

$$\begin{array}{r} 13.154 \\ - 8.083 \\ \hline \end{array}$$

$$9.056 - 5.27 = \underline{\hspace{2cm}}$$

$$27.003 - 26.09 = \underline{\hspace{2cm}}$$

**Homework Practice***Add and Subtract Decimals***Add.**

1.  $1.546 + 0.07$  \_\_\_\_\_

2.  $75.4 + 0.5919$  \_\_\_\_\_

3.  $\$100.80 + \$5.87$  \_\_\_\_\_

4.  $3.72 + 6.0064$  \_\_\_\_\_

5.  $0.802 + 0.4581$  \_\_\_\_\_

6.  $4.3 + 0.1748$  \_\_\_\_\_

7.  $\$0.35 + \$0.54$  \_\_\_\_\_

**Subtract.**

8.  $\$11.11 - \$4.88$  \_\_\_\_\_

9.  $5 - 4.825$  \_\_\_\_\_

10.  $10 - 3.485$  \_\_\_\_\_

11.  $16.2445 - 3.77$  \_\_\_\_\_

12.  $6.5 - 3.001$  \_\_\_\_\_

13.  $3.48 - 3.039$  \_\_\_\_\_

14.  $2.1 - 1.34$  \_\_\_\_\_

**Spiral Review**

**For each problem, determine whether you need an estimate or an exact answer. Then solve it. (Lesson 2-5)**

- 15.** Hunter School has kindergarten and grades 1 through 6. There are 2 kindergarten classes and 2 classes in each grade. If the maximum class size is 25, what is the greatest number of students that could be in the school?

\_\_\_\_\_

- 16.** It costs \$0.38 to produce and mail a newsletter. Each week, 475,000 newsletters are mailed to subscribers. About how much does it cost to produce and mail the newsletter each month?

\_\_\_\_\_

**Homework Practice***Addition Properties*

**Use properties of addition to find each sum mentally. Show your steps and identify the properties that you used.**

1.  $9 + 31 + 6$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2.  $17 + 23 + 8$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3.  $12.5 + 1 + 43.5$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4.  $10.4 + 20 + 9.6$  \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**For Exercises 5–8, find the value that makes the sentence true.**

5.  $33 + (76 + 5) = \boxed{\phantom{00}} + 33 + 5$

6.  $13.8 + (9.9 + 4) = (9.9 + 4) + \boxed{\phantom{00}}$

7.  $56 + (26 + 5) = (5 + \boxed{\phantom{00}}) + 56$

8.  $2.8 + (3.6 + 8.2) = (3.6 + 2.8) + \boxed{\phantom{00}}$

**Spiral Review**

**Estimate. Then add or subtract. (Lesson 2–6)**

9.  $13 + 9.25 =$  \_\_\_\_\_

10.  $7.41 - 1.3 =$  \_\_\_\_\_

11.  $18.21 - 10.03 =$  \_\_\_\_\_

12.  $6.007 + 2.31 =$  \_\_\_\_\_

13.  $9.8 - 0.19 =$  \_\_\_\_\_

14.  $31.1 + 8.169 =$  \_\_\_\_\_

**Homework Practice***Add and Subtract Mentally***Add or subtract mentally. Use compensation.**

1.  $18 + 26$  \_\_\_\_\_

2.  $2.7 + 3.5$  \_\_\_\_\_

3.  $134 - 78$  \_\_\_\_\_

4.  $32.5 - 17.8$  \_\_\_\_\_

5.  $221 + 335$  \_\_\_\_\_

6.  $9.6 - 8.9$  \_\_\_\_\_

7.  $129 + 375$  \_\_\_\_\_

8.  $207 + 45.9$  \_\_\_\_\_

9.  $754 - 543$  \_\_\_\_\_

10.  $15.7 - 12.6$  \_\_\_\_\_

11.  $553 + 35$  \_\_\_\_\_

12.  $1.5 - 0.6$  \_\_\_\_\_

**Spiral Review****For Exercises 13–17, find the value that makes the sentence true. (Lesson 2–7)**

13.  $50 + (67 + 8) = (\square + 67) + 50$

14.  $12.4 + (9.7 + 3.4) = (3.4 + 9.7) + \square$

15.  $19 + (21 + 3) = (21 + \square) + 3$

16.  $5.7 + (2.3 + 3.2) = (2.3 + 5.7) + \square$