

LESSON

Practice A**3-3****Adding and Subtracting Decimals**

Find each sum or difference.

1. $1.5 + 2.3$

2. $6.5 + 1.4$

3. $8.9 - 5.1$

4. $12.6 - 3.4$

5. $8.16 - 7.02$

6. $7.25 + 8.75$

7. $11.4 + 8.6$

8. $16.5 - 4.3$

9. $9.55 - 1.2$

10. $25.6 + 5.1$

11. $8.9 + 3.05$

12. $10.64 - 8.5$

Circle the letter of the correct answer.

13. If $x = 2.3$, what is the value of the expression $5.4 + x$?

- A 3.1
B 7.7
C 7.1
D 3.7

14. If $a = 4.2$, what is the value of the expression $8.7 - a$?

- F 12.9
G 4.9
H 4.5
J 12.5

15. If $m = 1.9$, what is the value of the expression $m + 4.2$?

- A 2.3
B 2.2
C 6.1
D 7.1

16. If $y = 5.9$, what is the value of the expression $7.2 - y$?

- F 1.3
G 1.7
H 13.3
J 13.1

17. Marcus is 1.5 meters tall. His sister, Carol, is 0.1 meter taller than Marcus. Their father is 0.2 meter taller than Carol. How tall is Carol? How tall is their father?

18. Jennifer brought \$14.75 to the baseball game. She spent \$3.45 for a hot dog and soda. How much money does she have left?

LESSON **Puzzles, Twisters & Teasers**

3-2 Secret Message

Recently you've noticed that your neighbor Slippery Larry has been extremely forgetful when he leaves his house. He keeps leaving, then returning to get all of the things he forgot. One day you decided to keep track of how far he had gone by measuring how many feet he walked down his driveway before returning to the house. Here's what you found:

- | | | | |
|--------------|--------|----------------|--------|
| 1. Keys | 6.435 | 8. Soccer Ball | 13.575 |
| 2. Wallet | 4.909 | 9. Laptop | 18.249 |
| 3. Jacket | 4.899 | 10. Suspenders | 13.59 |
| 4. Pants | 14.642 | 11. Rope | 1.59 |
| 5. Watch | 12.94 | 12. Gloves | 14.253 |
| 6. Briefcase | 4.851 | 13. Hat | 18.161 |
| 7. Pen | 1.491 | | |

It just so happens that Slippery Larry was on the news later that day. He is actually a criminal communicating to his criminal buddies through a code system. Seems his friends watch how far he travels down his driveway and the distances translate into the following code:

- | | | | |
|--------|--------|--------|--------|
| 1.6 A | 19.0 H | 9.4 O | 13.0 V |
| 3.6 B | 21.2 I | 8.8 P | 13.8 W |
| 8.4 C | 14.8 J | 9.6 Q | 1.4 X |
| 4.4 D | 9.2 K | 10.8 R | 1.2 Y |
| 5.0 E | 2.6 L | 18.2 S | 5.2 Z |
| 6.8 F | 6.4 M | 13.6 T | |
| 15.6 G | 14.6 N | 14.4 U | |

Since your measurements are more exact than Slippery Larry's and his friends', you'll have to round each of the distances to get the total distance traveled. Translate the code into letters and fill in the blanks to discover where you can catch Slippery Larry!



<u>M</u>	<u>E</u>	<u>E</u>	<u>T</u>	<u>M</u>	<u>E</u>
1	2	2	8	1	2
<u>A</u>	<u>T</u>	<u>S</u>	<u>T</u>	<u>A</u>	<u>N</u>
11	8	13	8	11	4
				13	

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LESSON **Practice A**

3-3 Adding and Subtracting Decimals

Find each sum or difference.

- | | | |
|---------------------------------|----------------------------------|----------------------------------|
| 1. $1.5 + 2.3$
<u>3.8</u> | 2. $6.5 + 1.4$
<u>7.9</u> | 3. $8.9 - 5.1$
<u>3.8</u> |
| 4. $12.6 - 3.4$
<u>9.2</u> | 5. $8.16 - 7.02$
<u>1.14</u> | 6. $7.25 + 8.75$
<u>16.00</u> |
| 7. $11.4 + 8.6$
<u>20.0</u> | 8. $16.5 - 4.3$
<u>12.2</u> | 9. $9.55 - 1.2$
<u>8.35</u> |
| 10. $25.6 + 5.1$
<u>30.7</u> | 11. $8.9 + 3.05$
<u>11.95</u> | 12. $10.64 - 8.5$
<u>2.14</u> |

Circle the letter of the correct answer.

13. If $x = 2.3$, what is the value of the expression $5.4 + x$?
 A 3.1
 B 7.7
 C 7.1
 D 3.7
14. If $a = 4.2$, what is the value of the expression $8.7 - a$?
 F 12.9
 G 4.9
 H 4.5
 J 12.5
15. If $m = 1.9$, what is the value of the expression $m + 4.2$?
 A 2.3
 B 2.2
 C 6.1
 D 7.1
16. If $y = 5.9$, what is the value of the expression $7.2 - y$?
 F 1.3
 G 1.7
 H 13.3
 J 13.1
17. Marcus is 1.5 meters tall. His sister, Carol, is 0.1 meter taller than Marcus. Their father is 0.2 meter taller than Carol. How tall is Carol? How tall is their father?
1.6 meters; 1.8 meters
18. Jennifer brought \$14.75 to the baseball game. She spent \$3.45 for a hot dog and soda. How much money does she have left?
\$11.30

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LESSON **Practice B**

3-3 Adding and Subtracting Decimals

Find each sum or difference.

- | | | |
|----------------------------------|----------------------------------|-----------------------------------|
| 1. $8.9 + 2.4$
<u>11.3</u> | 2. $12.7 - 9.6$
<u>3.1</u> | 3. $18.35 - 4.16$
<u>14.19</u> |
| 4. $7.21 + 11.6$
<u>18.81</u> | 5. $0.975 + 3.8$
<u>4.775</u> | 6. $20.66 - 9.1$
<u>11.56</u> |

7. Tiffany's job requires a lot of driving. How many miles did she travel during the month of February? 720.78

Miles Tiffany Traveled

Week	1	2	3	4
Miles	210.05	195.18	150.25	165.30

8. Shelly babysits after school and on the weekends. How much did she earn in all for the month of April? \$722.00

Shelly's Earnings for April

Week	1	2	3	4
Earnings	\$120.50	\$180.75	\$205.25	\$215.50

Evaluate $5.6 - a$ for each value of a .

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| 9. $a = 3.7$
<u>1.9</u> | 10. $a = 0.5$
<u>5.1</u> | 11. $a = 2.8$
<u>2.8</u> |
| 12. $a = 1.42$
<u>4.18</u> | 13. $a = 0.16$
<u>5.44</u> | 14. $a = 3.75$
<u>1.85</u> |

15. Allen bought a box of envelopes for \$2.79 and a pack of paper for \$4.50. He paid with a \$10 bill. How much change should he receive?
\$2.71
16. From a bolt of cloth measuring 25.60 yards, Tina cut a 6.8-yard piece and an 11.9-yard piece. How much material is left on the bolt?
6.9 yards

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LESSON **Practice C**

3-3 Adding and Subtracting Decimals

Find each sum or difference.

- | | | |
|---|---------------------------------------|---|
| 1. $7.9 + 1.38$
<u>9.28</u> | 2. $100 - 65.9$
<u>34.1</u> | 3. $204.965 + 55.8$
<u>260.765</u> |
| 4. $63.057 - 18.45$
<u>44.607</u> | 5. $0.5541 - 0.09$
<u>0.4641</u> | 6. $11.2398 + 8.9 + 2.7$
<u>22.8398</u> |
| 7. $0.22 + 15.607 + 9.7$
<u>25.527</u> | 8. $20 - 3.78 - 0.64$
<u>15.58</u> | 9. $1.9 + 0.25 + 9.4 + 0.5$
<u>12.05</u> |

Evaluate each expression.

- | | | |
|---|--|---|
| 10. $39.702 - a$ for $a = 0.9$
<u>38.802</u> | 11. $x + 1.064$ for $x = 28.5$
<u>29.564</u> | 12. $50.02 - p$ for $p = 0.99$
<u>49.03</u> |
| 13. $w - 7.08$ for $w = 100$
<u>92.92</u> | 14. $37.62 + t$ for $t = 8.084$
<u>45.704</u> | 15. $u + 2.7$ for $u = 0.5046$
<u>3.2046</u> |

Write the missing digit in each problem.

- | | | |
|--|---|--|
| 16. $\begin{array}{r} 7.089 \\ + 2.113 \\ \hline 9.502 \end{array}$ <u>4</u> | 17. $\begin{array}{r} 16.594 \\ - \square.175 \\ \hline 11.419 \end{array}$ <u>5</u> | 18. $\begin{array}{r} 6.2\square67 \\ + 9.75 \\ \hline 15.9867 \end{array}$ <u>3</u> |
| 19. $\begin{array}{r} 0.6\square9 \\ - 0.458 \\ \hline 0.221 \end{array}$ <u>7</u> | 20. $\begin{array}{r} 238.793 \\ + 19.5\square2 \\ \hline 258.305 \end{array}$ <u>1</u> | 21. $\begin{array}{r} 100.\square5 \\ - 19.99 \\ \hline 80.46 \end{array}$ <u>4</u> |

22. Italian Delight sells three sizes of pizzas at different prices. If you buy all three pizzas, it costs a total of \$46.24. A medium pizza costs \$15.75, and a large costs \$17.50. How much does a small pizza cost?
\$12.99
23. Brent has three sheets of plywood that are each 6.85 feet long. He cut a 3.4-foot piece from one sheet and a 0.5-foot piece from the other. How many feet of plywood does he have left in all?
16.65 feet

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