

# Additional Exercises 5.2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Example 1:** Add:  $2.34 + 0.056$

Line up the decimal points vertically.

$2.34$                       Zeros can be added after the last number after decimal points.

+  $0.056$

$2.34$                       Add.  
+  $0.056$   
 $2.396$

**Example 2:** Subtract:  $3.5 - 2.863$

Line up the decimal points vertically.

$3.5$                       Zeros can be added after the last number after decimal points.

-  $2.863$

$3.500$                       Subtract.  
-  $2.863$   
 $0.637$

## Exercises

Perform the following operations.

1.  $6.3 + 9.42$

1. \_\_\_\_\_

2.  $8.102 + 3.2$

2. \_\_\_\_\_

3.  $0.006 + 0.038$

3. \_\_\_\_\_

4.  $31 + 0.165 + 2.63$

4. \_\_\_\_\_

5.  $57.4 + 6.95 + 0.084$

5. \_\_\_\_\_

6.  $9.2 - 3.79$

6. \_\_\_\_\_

7.  $8.6 - 6.95$

7. \_\_\_\_\_

8.  $3.25 + 7.62 - 10.38$

8. \_\_\_\_\_

9.  $-2.34 + 8.61$

9. \_\_\_\_\_

# Additional Exercises 5.2 (cont.)

Name: \_\_\_\_\_

10. Subtract 3.5 from 5.8.

10. \_\_\_\_\_

11. Subtract 7.6 from 12.35

11. \_\_\_\_\_

12. Is 11.5 a solution to  $x + 3.5 = 9$ ?

12. \_\_\_\_\_

13. Compute the total monthly cost of utilities given the information shown:

13. \_\_\_\_\_

Combined cost of water, sewage and electricity per month: \$45.38

Average cost of telephone per month: \$68.20

Average cost of natural gas per month: \$38.25

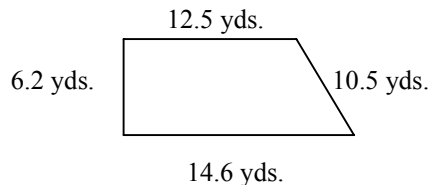
Monthly cost of cable television: \$42.60

14. A bottle of shampoo costs \$2.50 plus \$0.15 tax. What is the total cost?

14. \_\_\_\_\_

15. How much fencing is needed to enclose the field with the dimensions shown?

15. \_\_\_\_\_



16. Louis bought \$38.09 worth of groceries. If he paid with a fifty dollar bill, what was his change?

16. \_\_\_\_\_

17. Simplify by combining like terms:  $3.2x + 1.5x$

17. \_\_\_\_\_

18. Evaluate  $x + y$  if  $x = 0.34$  and  $y = 0.32$ .

18. \_\_\_\_\_

19. Evaluate  $x - y$  if  $x = 9.4$  and  $y = 8.61$ .

19. \_\_\_\_\_

20. Simplify by combining like terms:  $0.5x - 3.2x + 3.57x$

20. \_\_\_\_\_