

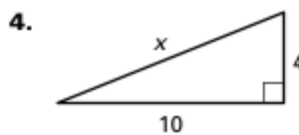
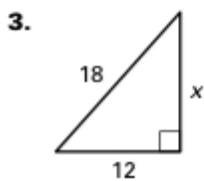
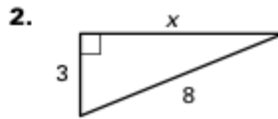
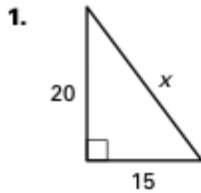
# Geometry

## Review Chapter 7

Name \_\_\_\_\_

Find the value of  $x$ . Write your answer in simplest radical form.

Answers



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

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

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

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

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

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

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

Classify the triangle as *acute*, *right*, or *obtuse*.

5. 5, 7, 9

6. 3, 5,  $\sqrt{34}$

7. 3.1, 4.5, 5.2

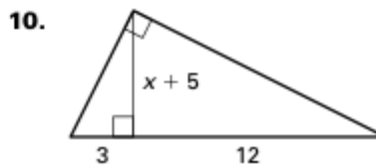
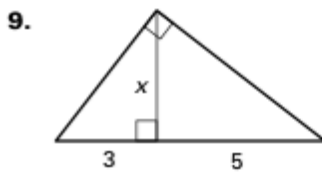
8. 9, 15,  $10\sqrt{3}$

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

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

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

Find the exact value of  $x$ .

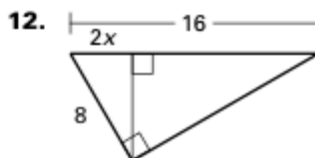
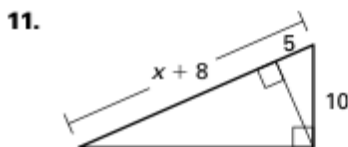


11. \_\_\_\_\_

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

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

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

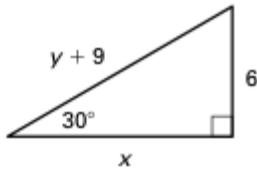


15. \_\_\_\_\_

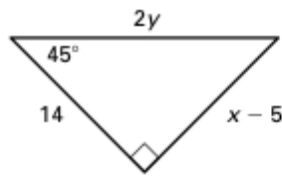
16. \_\_\_\_\_

Find the value of each variable. Write your answer in simplest radical form.

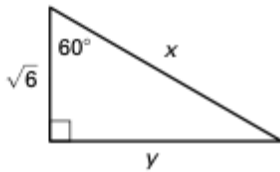
13.



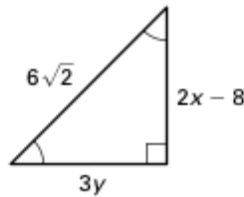
14.



15.

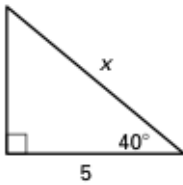


16.

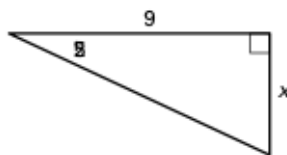


Find the value of  $x$ . Round your answer to the nearest tenth.

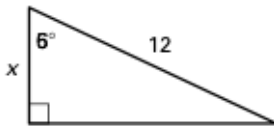
17.



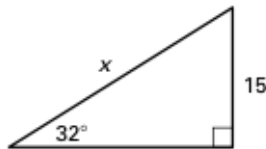
18.



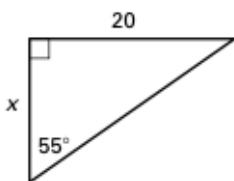
19.



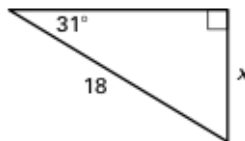
20.



21.

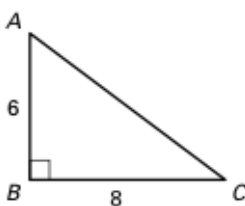


22.

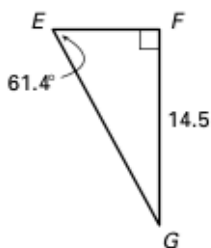


Solve the right triangle. Round your answer to the nearest tenth.

23.



24.



**Answers**

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

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

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

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

21. \_\_\_\_\_

22. \_\_\_\_\_

23. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

24. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

25. \_\_\_\_\_

- 25.** A balloon rises to the ceiling of a gymnasium. You want to find the distance from the ground to the balloon. You use a cardboard square to line up the balloon and the ground. Your friend measures the vertical distance from the ground to your eye and the distance from you to the gym wall. Approximate the distance from the ground to the balloon.

