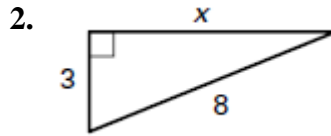
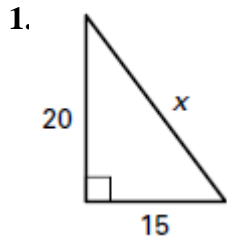


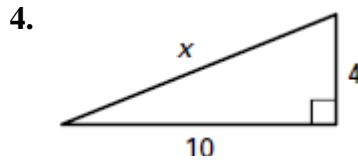
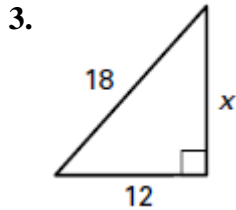
Assignment 69 Chapter 7 Test. Show all work on scratch paper neatly and in order for full credit.

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, $\sqrt{34}$

8. _____

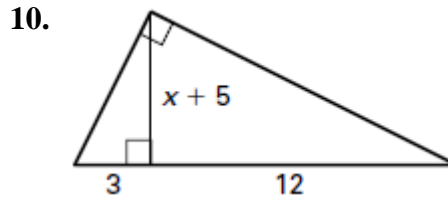
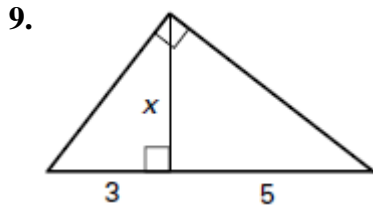
7. 3.1, 4.5, 5.2

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

9. _____

10. _____

Find the exact value of x .

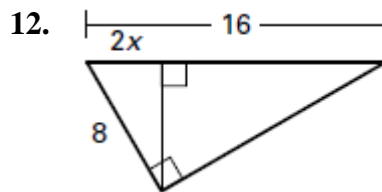
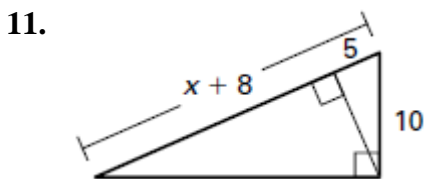


11. _____

12. _____

13. _____

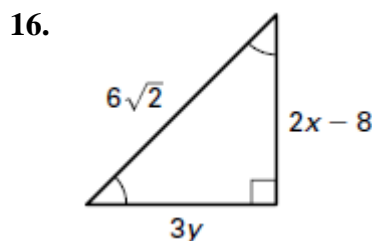
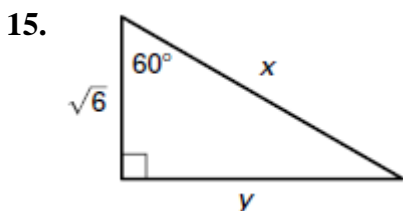
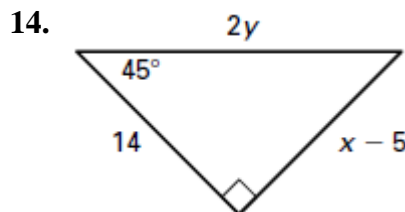
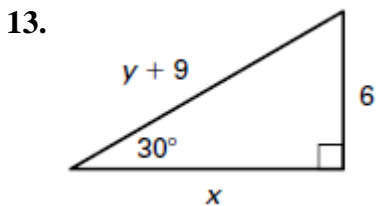
14. _____



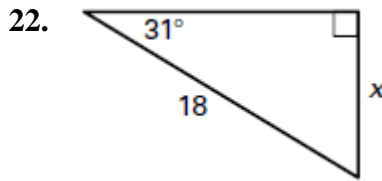
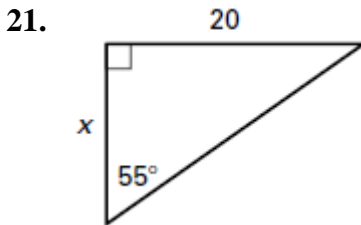
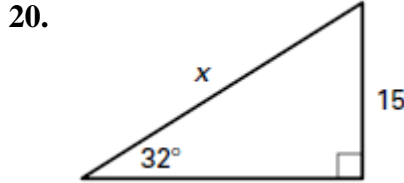
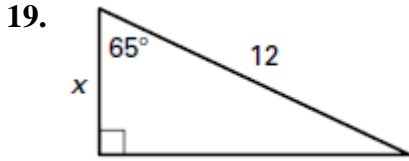
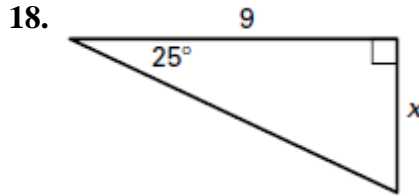
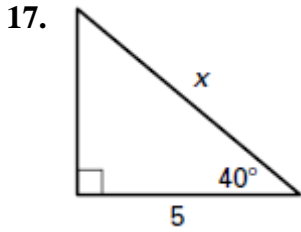
15. _____

16. _____

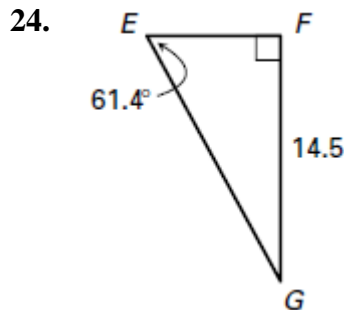
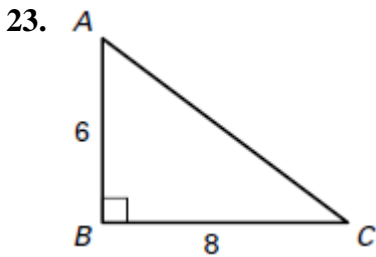
Find the value of each variable. Write your answer in simplest radical form.



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



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



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.

