

**Chapter 7: Right Triangles**  
**Lesson 7-1: Geometric Mean**  
**Classwork**

name \_\_\_\_\_  
 date \_\_\_\_\_  
 period \_\_\_\_

**For questions 1-5, find the Geometric Mean of the following:**

1. 2 and 50

equation

2. 50 and 1250

equation

3. 5 and 45

equation

x = \_\_\_\_\_

x = \_\_\_\_\_

x = \_\_\_\_\_

4. 45 and 405

equation

5. 6.4 and 8.8

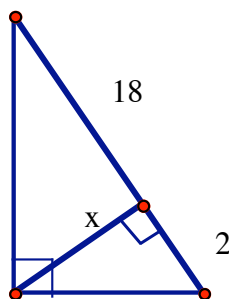
equation

x = \_\_\_\_\_

x = \_\_\_\_\_

**For questions 6- 15, solve for the missing value(s).**

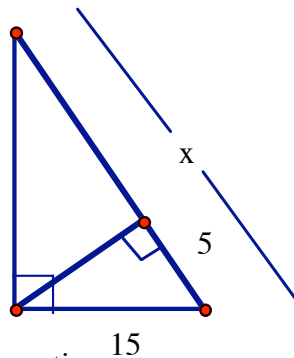
6.



equation

x = \_\_\_\_\_

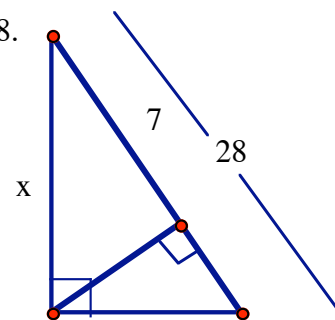
7.



equation

x = \_\_\_\_\_

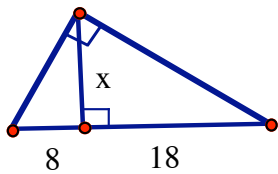
8.



equation

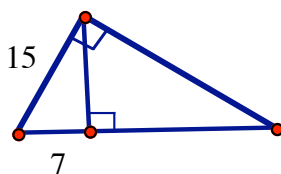
x = \_\_\_\_\_

9.



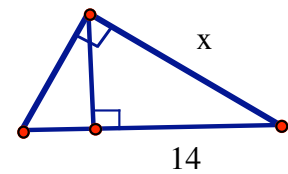
equation

10.



equation

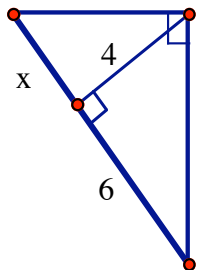
11.



equation

x = \_\_\_\_\_

12.

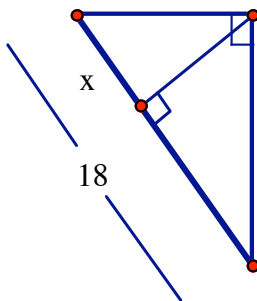


equation

x = \_\_\_\_\_

x = \_\_\_\_\_

13.

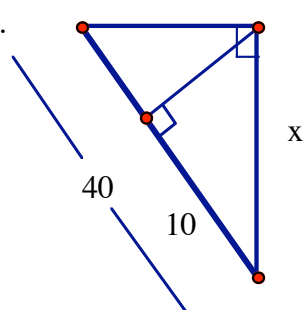


equation

x = \_\_\_\_\_

x = \_\_\_\_\_

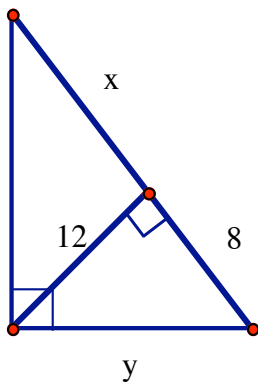
14.



equation

x = \_\_\_\_\_

15.



equation

x = \_\_\_\_\_

equation

y = \_\_\_\_\_