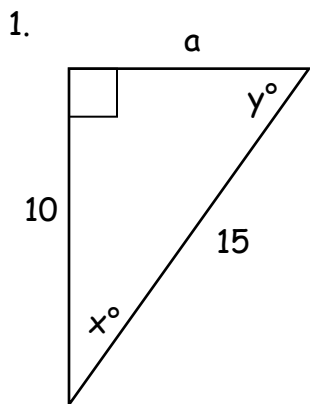
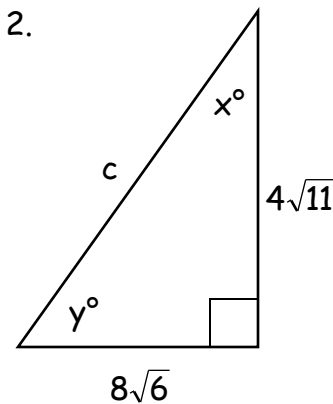


Pythagorean Theorem, Special Right Triangles, and Right Triangle Trigonometry Review

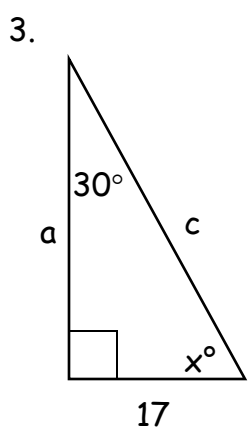
Directions: Find all indicated variables. (x and y refer to angle measures; a, b, c, and d refer to side lengths). If possible, leave your answer as a simplified square root. If you must have a decimal answer, round all answers to the nearest hundredth.



a = \_\_\_\_\_  
 x = \_\_\_\_\_  
 y = \_\_\_\_\_

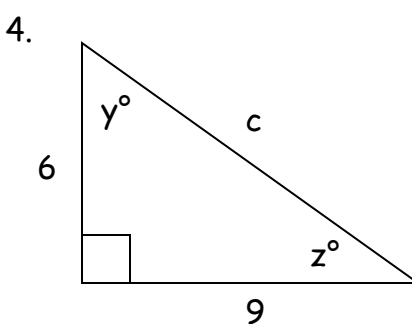


c = \_\_\_\_\_  
 x = \_\_\_\_\_  
 y = \_\_\_\_\_

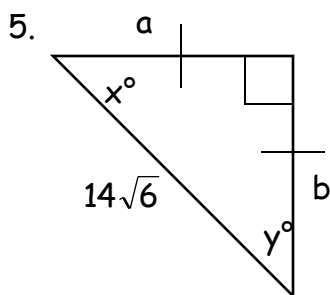


No decimal answers.

x = \_\_\_\_\_  
 a = \_\_\_\_\_  
 c = \_\_\_\_\_

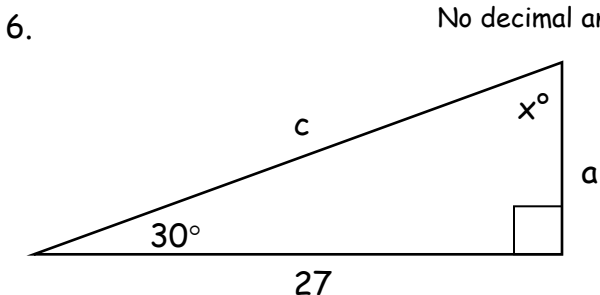


c = \_\_\_\_\_  
 y = \_\_\_\_\_  
 z = \_\_\_\_\_



No decimal answers.

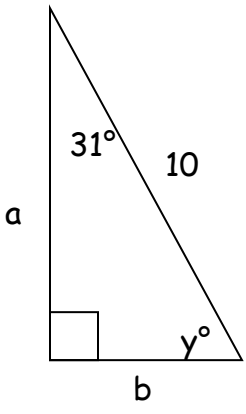
x = \_\_\_\_\_  
 y = \_\_\_\_\_  
 a = \_\_\_\_\_  
 b = \_\_\_\_\_



No decimal answers.

x = \_\_\_\_\_  
 a = \_\_\_\_\_  
 c = \_\_\_\_\_

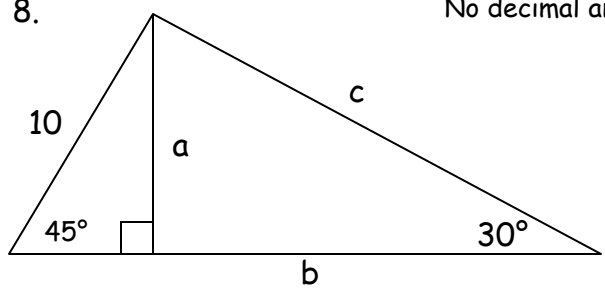
7.



$y =$  \_\_\_\_\_  
 $a =$  \_\_\_\_\_  
 $b =$  \_\_\_\_\_

8.

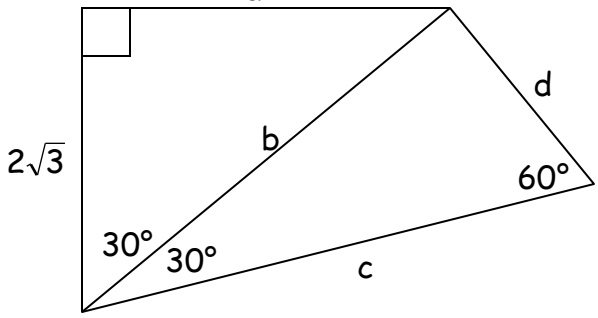
No decimal answers.



$a =$  \_\_\_\_\_  
 $b =$  \_\_\_\_\_  
 $c =$  \_\_\_\_\_

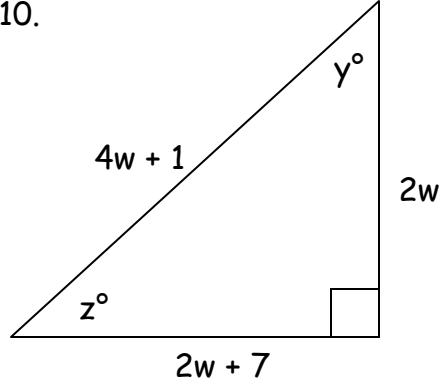
9.

No decimal answers.



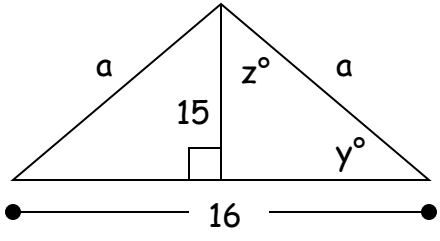
$a =$  \_\_\_\_\_  
 $b =$  \_\_\_\_\_  
 $c =$  \_\_\_\_\_  
 $d =$  \_\_\_\_\_

10.



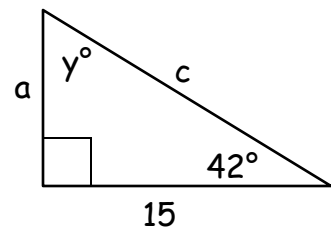
$w =$  \_\_\_\_\_  
 $y =$  \_\_\_\_\_  
 $z =$  \_\_\_\_\_

11.



$a =$  \_\_\_\_\_  
 $y =$  \_\_\_\_\_  
 $z =$  \_\_\_\_\_

12.



$y =$  \_\_\_\_\_  
 $a =$  \_\_\_\_\_  
 $c =$  \_\_\_\_\_