

Find the missing length of the right triangles:  
Assume a and b are legs and c is the hypotenuse

1. Find the missing length of the following right triangle:  
 $a = 14$     $b = 21$
2. Find the missing length of the following right triangle:  
 $a = 15$     $c = 20$
3. Find the missing length of the following right triangle:  
 $b = 7$     $c = 24$

Find the distance between the 2 points

1.  $(-2, 5)$  and  $(4, 7)$

2.  $(5, 1)$  and  $(-4, -2)$

3.  $(-6, -3)$  and  $(-4, -5)$