

30°-60°-90° Right Triangles: Find the missing side lengths.

Use the Pythagorean Theorem until you discover a pattern.

Short Leg	Long Leg	Hypotenuse
1		
2		
3		
4		
5		
		12
		16
		50
		61
	$7\sqrt{3}$	
	9	
	13	
	20	
x		
	y	
		h

To find the hypotenuse (given the short leg), _____

To find the long leg (given the short leg), _____

To find the short leg (given the hypotenuse), _____

To find the short leg (given the long leg) _____