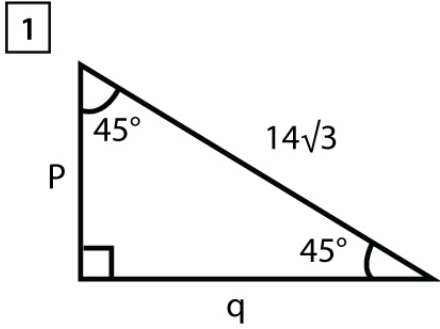


Name : \_\_\_\_\_

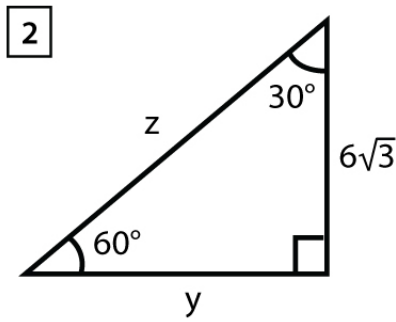
Score : \_\_\_\_\_ Date : \_\_\_\_\_

**Special Triangles ( 45-45-90 and 30-60-90 ) Worksheet**

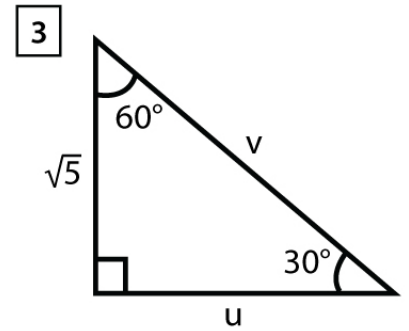
Find the missing side lengths. Leave your answer in the simplest form.



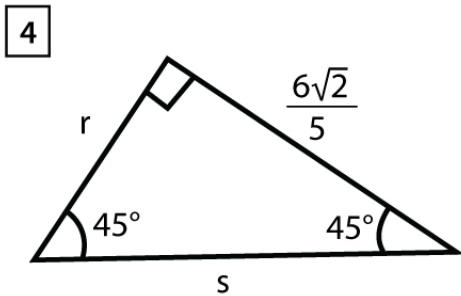
$p =$  ,  $q =$



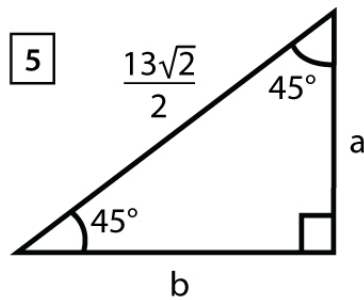
$z =$  ,  $y =$



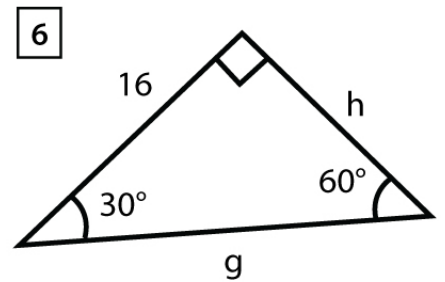
$u =$  ,  $v =$



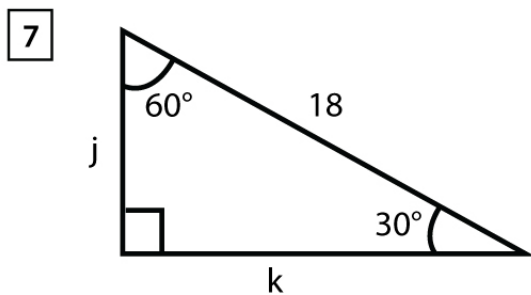
$r =$  ,  $s =$



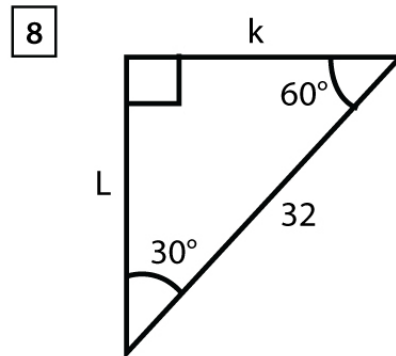
$a =$  ,  $b =$



$g =$  ,  $h =$



$j =$  ,  $k =$



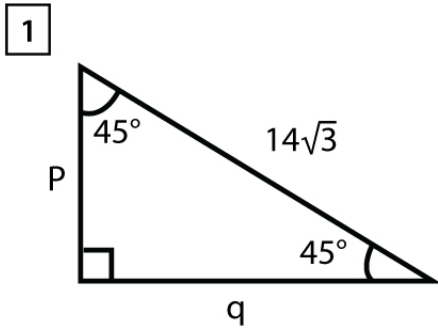
$k =$  ,  $L =$

Name : \_\_\_\_\_

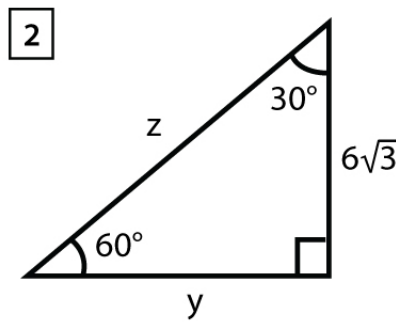
Score : \_\_\_\_\_ Date : \_\_\_\_\_

Special Triangles ( 45-45-90 and 30-60-90 ) Worksheet

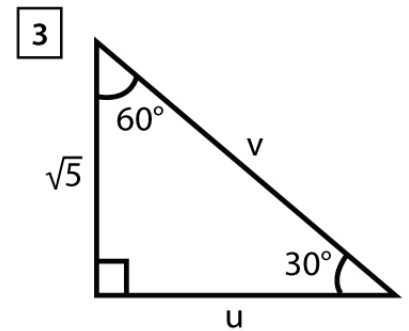
Answers



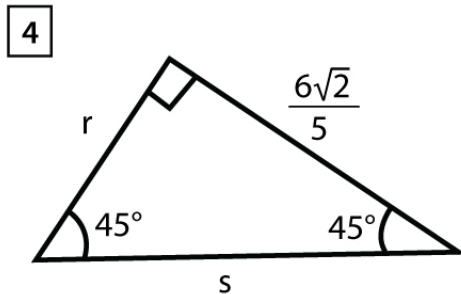
$p = 7\sqrt{6}$  ,  $q = 7\sqrt{6}$



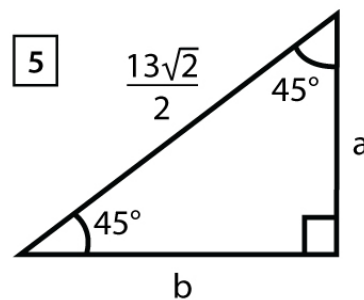
$z = 12$  ,  $y = 6$



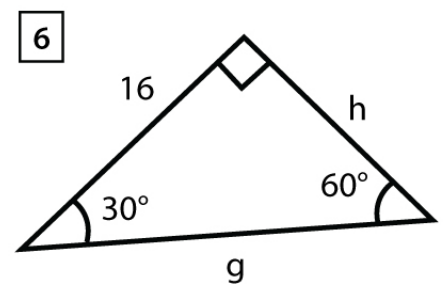
$u = \sqrt{15}$  ,  $v = 2\sqrt{5}$



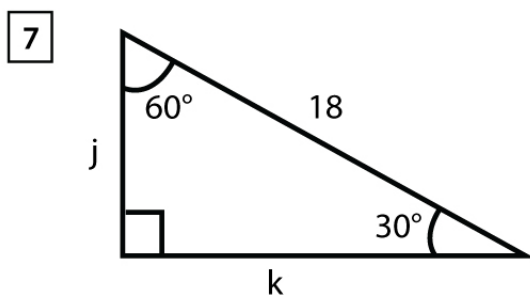
$r = \frac{6\sqrt{2}}{5}$  ,  $s = \frac{12}{5}$



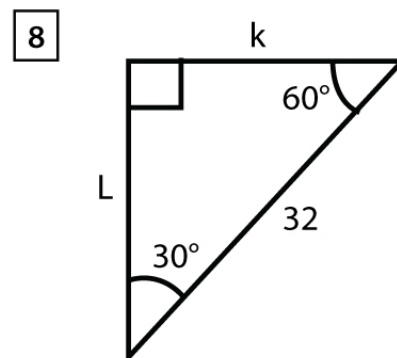
$a = \frac{13}{2}$  ,  $b = \frac{13}{2}$



$g = \frac{32\sqrt{3}}{3}$  ,  $h = \frac{16\sqrt{3}}{3}$



$j = 9$  ,  $k = 9\sqrt{3}$



$k = 16$  ,  $L = 16\sqrt{3}$