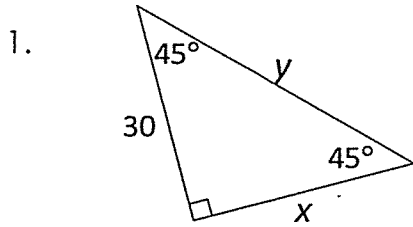


Chapter 8 Practice Worksheet 1

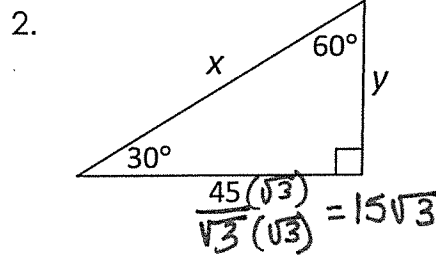
Key

(Use with section 8-3)

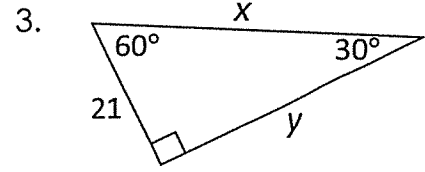
Find the values of x and y in each of the following triangles.



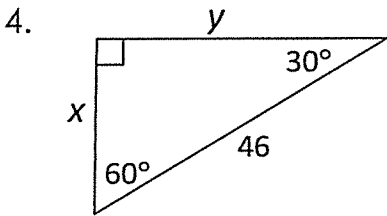
$x = 30$ $y = 30\sqrt{2}$



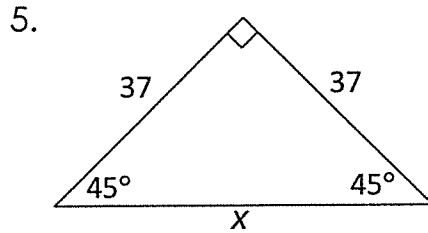
$x = 30\sqrt{3}$ $y = 15\sqrt{3}$



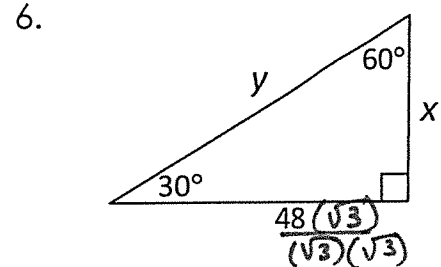
$x = 42$ $y = 21\sqrt{3}$



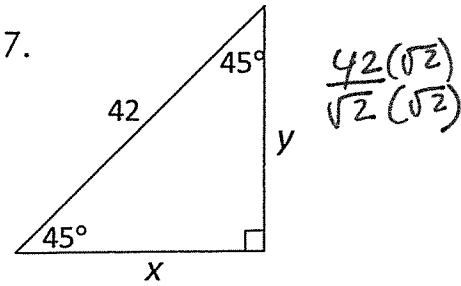
$x = 23$ $y = 23\sqrt{3}$



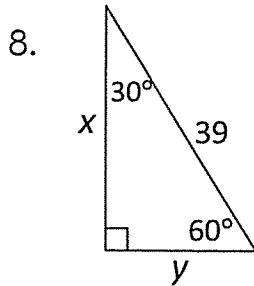
$x = 37\sqrt{2}$



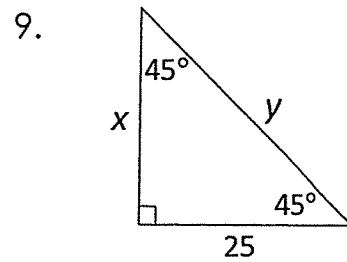
$x = 16\sqrt{3}$ $y = 32\sqrt{3}$



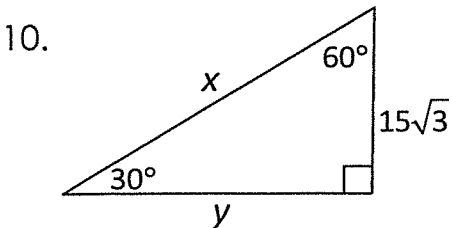
$x = 21\sqrt{2}$ $y = 21\sqrt{2}$



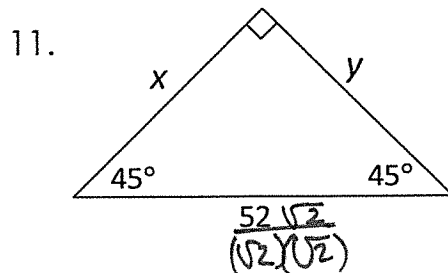
$x = 15.5\sqrt{3}$ $y = 15.5$



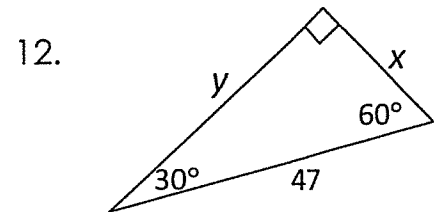
$x = 25$ $y = 25\sqrt{2}$



$x = 30\sqrt{3}$ $y = 45$



$x = 26\sqrt{2}$ $y = 26\sqrt{2}$



$x = 23.5$ $y = 23.5\sqrt{3}$