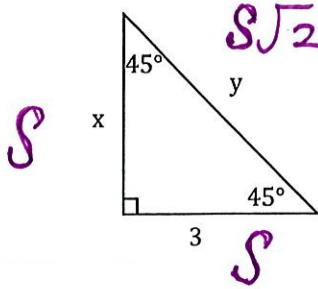


Label each special right triangle, and find the missing sides.

1.



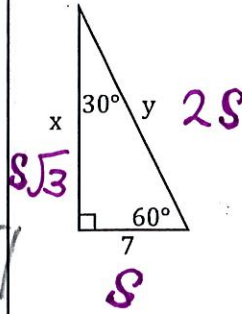
$S\sqrt{2}$

$S = 3$

$x = S = \boxed{3}$

$y = S\sqrt{2} = \boxed{3\sqrt{2}}$

2.



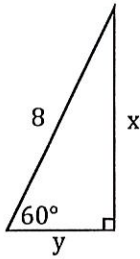
$S = 7$

$y = 2S = 2 \cdot 7 = \boxed{14}$

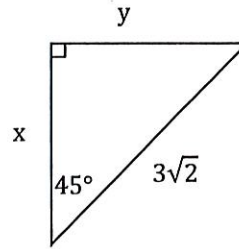
$x = S\sqrt{3} = \boxed{7\sqrt{3}}$

$7\sqrt{3}, 14$

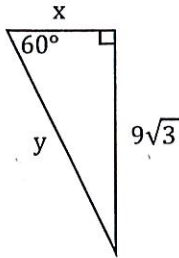
3.



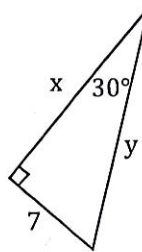
4.



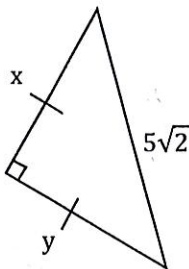
5.



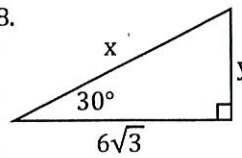
6.



7.



8.

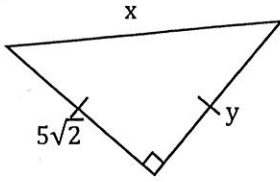


Bubble all the correct answers from above. Don't bubble incorrect answers.

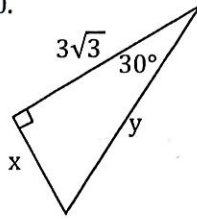
x, y

- 9,18
 6,12
 $7\sqrt{3}, 14$
 $5\sqrt{2}, 5$
 $3\sqrt{2}, 3$
 6,16
 5,13
 9,18
 3,3
 $3, 3\sqrt{3}$
 $3, 3\sqrt{2}$
 5,5
 6,6
 $4, 4\sqrt{3}$

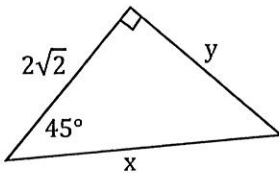
9.



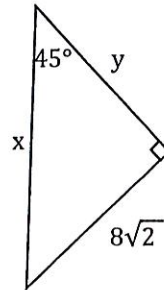
10.



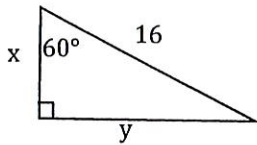
11.



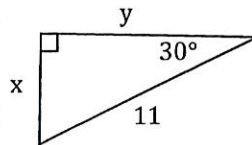
12.



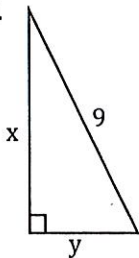
13.



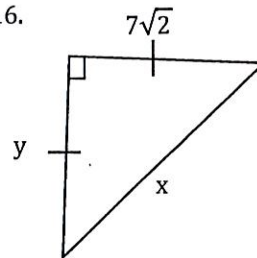
14.



15.



16.



Bubble all the correct answers from above. Don't bubble incorrect answers.

x, y,

- $7\sqrt{2}$ 14 $7\sqrt{2}$ $8,8\sqrt{3}$ $16,8\sqrt{2}$ $2\sqrt{3},6$ $3\sqrt{2},6$ $4,2\sqrt{3}$ $4,2\sqrt{2}$ $10,3\sqrt{2}$ $10,3\sqrt{3}$ $9,9\sqrt{3}$ $3,6$ $5.5,$ $4.5,4.5\sqrt{3}$
 $5.5\sqrt{3}$