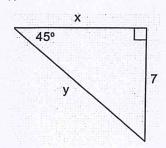
Practice #1

Special Right Triangles

Spring 2020

Find the EXACT value of each variable in each Special Right Triangle. Give answers in simplified radical form. Make sure all denominators are rationalized.

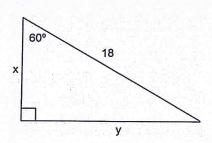
1.



x =

y =

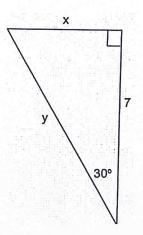
3.



x =

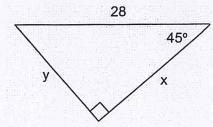
y =

5.



x =

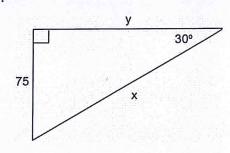
2.



x =

y =

4.



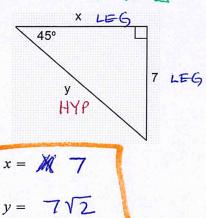
x =

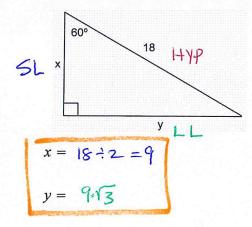
y =

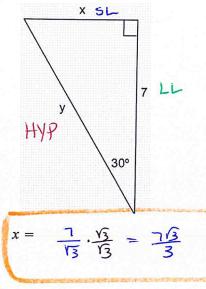
y =

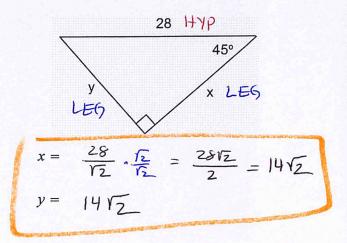
Find the EXACT value of each variable in each Special Right Triangle. Give answers in simplified radical form. Make sure all denominators are rationalized.

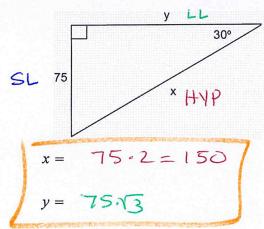
45-45-90 A 1.











$$y = \frac{713}{3} \cdot 2 = \frac{1413}{3}$$