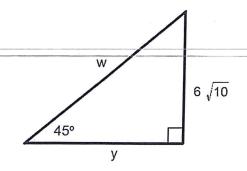
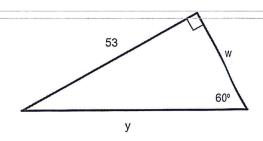
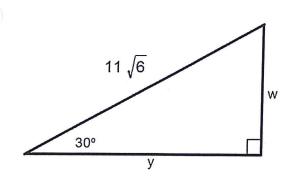
Find the EXACT value of w and y. Simplify answers and make sure denominators are rationalized. 2.

1.

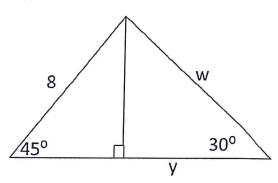




3.

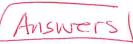


4.

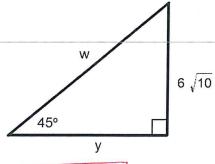


Bellwork Alg 2B

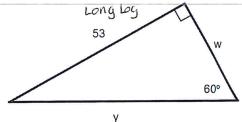
Wednesday, January 31, 2018



Find the EXACT value of w and y. Simplify answers and make sure denominators are rationalized. 2.



Hypot = Leg. 
$$52$$
  
 $W = 600.02 = 600$   
 $= 60.4.5$   
 $W = 12.05$ 

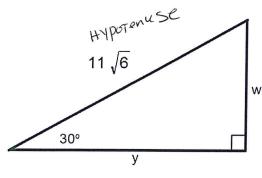


short leg = 
$$\frac{\text{Long lag}}{r_3}$$

$$W = \frac{53}{13} \cdot \frac{13}{13} \quad W = \frac{5313}{3}$$

$$W = \frac{533}{3}$$

3.



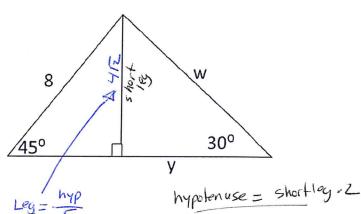
$$W = \frac{1}{2}(1176)$$

$$W = \frac{1176}{2}$$

$$\gamma = \frac{1176}{2} \cdot 13 = \frac{1178}{2} = \frac{1192}{2} = \frac{1132}{2}$$

$$\gamma = \frac{3372}{2}$$

4.



$$=\frac{812}{2}$$

Long Leg = shortlag. 13