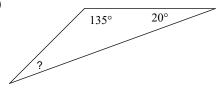
### © 2015 Kuta Software LLC. All rights reserved. HW 4.1 Due 11/25 or 11/30

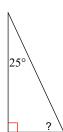
Date Period

## Find the measure of the angle indicated.

1)

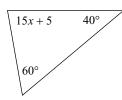


2)



#### Solve for *x*.

3)

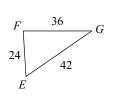


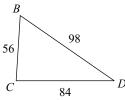
4)



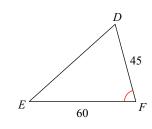
## State if the triangles in each pair are similar. If so, state how you know they are similar.

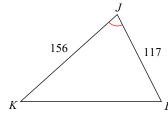
5)





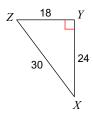
6)





# Find the value of each trigonometric ratio.

7) tan X



8) tan X

