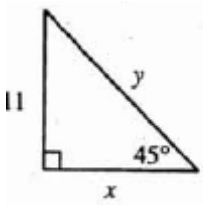
Geometry Sec. 8-4 HW # _____ Name_____

Column____ Date_____

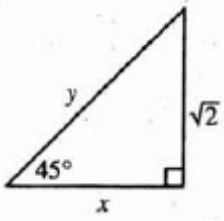
Tell whether a triangle with sides of the given lengths is acute, right, or obtuse. Show work to support your answer.

1. 3, 5, 7 2. 9, 40, 41 3. 5, 6, 7

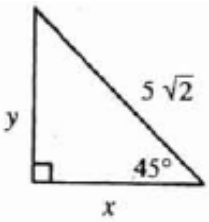
Find the missing lengths. Show work and give answers in simplest form (no decimals).

4. 

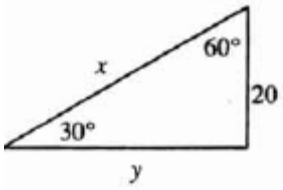
$x =$ _____
$y =$ _____

5. 

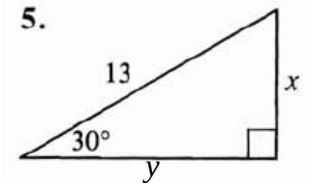
$x =$ _____
$y =$ _____

6. 

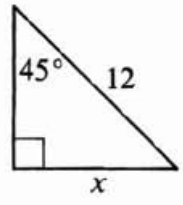
$x =$ _____
$y =$ _____

7. 

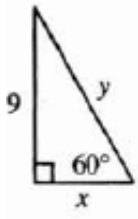
$x =$ _____
$y =$ _____

8. 

$x =$ _____
$y =$ _____

9. 

$x =$ _____

10. 

$x =$ _____
$y =$ _____