

Geometry - Things You Should Know #1

Name _____

I. Solve for x .

1. $7x + 11 = 3(x - 3)$

2. $3(2x - 5) = 7(2x - 1)$

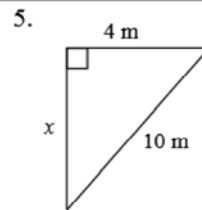
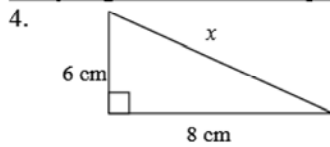
1. _____

2. _____

3. $5x - 4(2x - 2) = 8 - (x + 6)$

3. _____

II. Pythagorean Relationship. Solve for x . Round to the nearest tenth.



4. _____

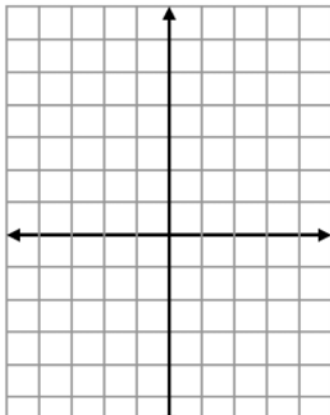
5. _____

6. The length of the rectangle is 13 ft and the width is 5 ft.
Find the length of the diagonal.

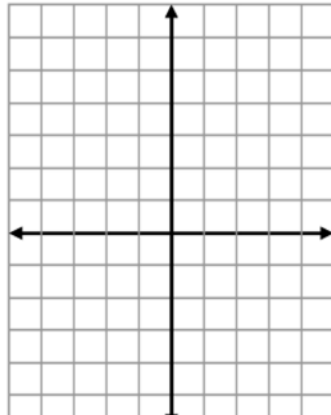
6. _____

III. Graphing

7. $y = -2x + 5$



8. $3x - 5y = 10$



9. $y = x^2 - 2$

