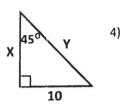
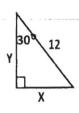
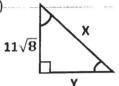
Missing Parts of Right Triangles Mixed Review

Directions: Find the values of x and y.

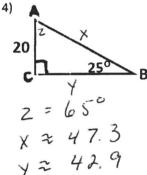


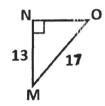


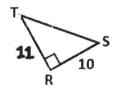


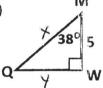


Directions: Find each missing side & angle. Round each side to the nearest tenth & each angle to the nearest degree.







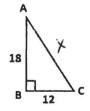


$$x \approx 6.3$$

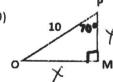
$$\angle Q = 52^{\circ}$$

$$x \approx 6.3$$

$$y \approx 3.9$$



LA ≈34° LC ≈ 56° X ≈21,6



$$20 = 20^{\circ}$$

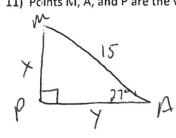
$$x \approx 9.4$$

$$y \approx 3.4$$

Directions: Sketch the figure and then find the missing parts.

10) Points F. G. & H are the vertices of a triangle. F is a right angle. GH = 12 and FG = 4.



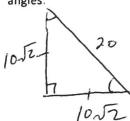


$$\chi \approx 6.8$$

 $\gamma \approx 13.4$

12) Points R, E, and M are points on a right triangle. The legs RE and EM both measure 18 units.

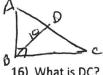
13) In a right triangle, there are two congruent angles. The hypotenuse measures 20 units. Y and X are complementary angles. Both angles are



Draw a picture and answer each question:

Given: $\triangle ABC$ is an isosceles right triangle; $m \angle B = 90^{\circ}$; \overline{BD} bisects $\angle ABC$; $BD = 10^{\circ}$

14) What is BC?



16) What is DC?

10

17) What is the perimeter of ΔABC?