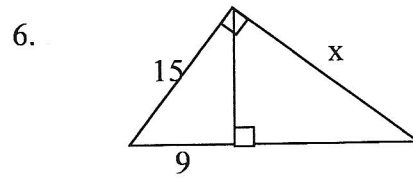
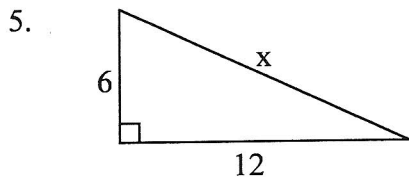
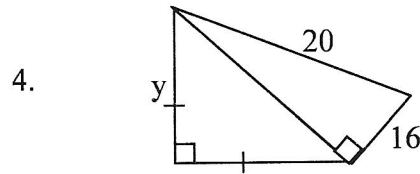
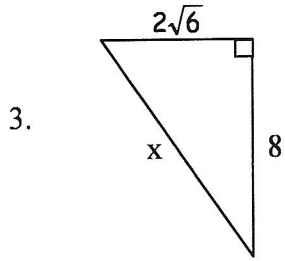
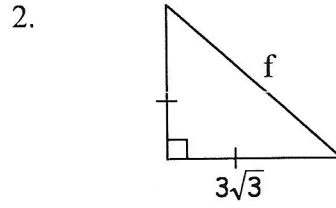
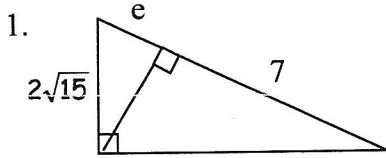


Geometry – Worksheet  
Homework

Name Alister Gumber

Solve for each variable.

Remember that sides marked congruent have the same measurement.



7. A square has a perimeter of 12 cm (Remember that all sides of a square have the same length). Find the length of a diagonal of the square.  
(Draw a picture.)

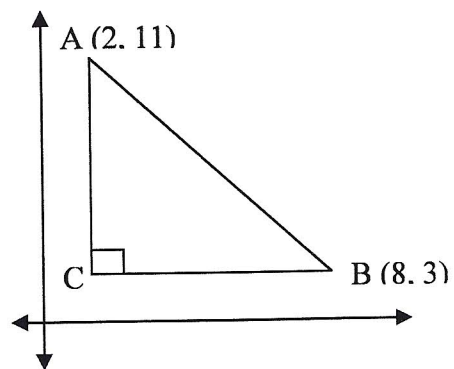
8.  $\overline{PM}$  is an altitude and a median of an equilateral triangle  $PKO$ . If  $PK = 4$ , find  $PM$ .  
(Draw a picture.)

9. a. Find the coordinates of  $C$ .

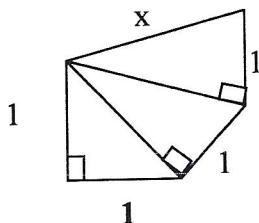
- b. Find  $AC$  and  $CB$ .

- c. Find  $AB$

d. Is  $AB = \sqrt{(8-2)^2 + (11-3)^2}$



10. Solve for  $x$ .



Solve for each variable using Pythagorean Theorem and/or Altitude to Hypotenuse.

