

Mr. Lusk

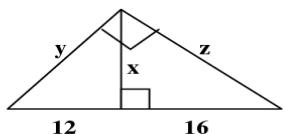
Geometry Chapter 8 Review

Name_____

PART 1: Geometric mean, Pythagorean Theorem, Special right triangles.

Find the value of each variable.

1.)



$$X = \underline{\hspace{2cm}}$$

$$Y = \underline{\hspace{2cm}}$$

$$Z = \underline{\hspace{2cm}}$$

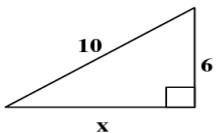
State whether the triangle with sides of the given lengths is acute, right or obtuse.

2.) 6, 7, 8 _____

3.) 10, 10, 14 _____

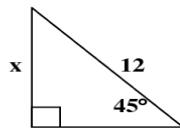
Find the missing values

4.)



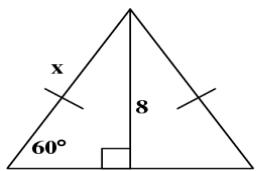
$$X = \underline{\hspace{2cm}}$$

5.)



$$X = \underline{\hspace{2cm}}$$

6.)



$$X = \underline{\hspace{2cm}}$$