Notes Geometric Mean

Name: _____ Date: _____ Period: _____

Learning Target: _____

_____

<u>There are two types of mean (average)</u>

Arithmetic - Find the arithmetic mean of 9 and 25.

Geometric - Find the geometric mean of 9 and 25

Arithmetic mean: _____

Geometric mean:_____

Example 1:

Find the arithmetic mean of 9 and 36.   Find the geometric mean of 9 and 36
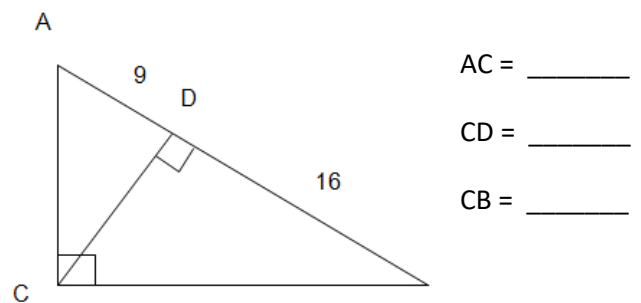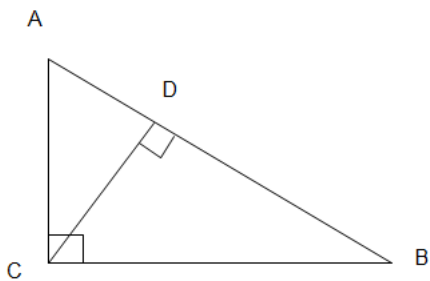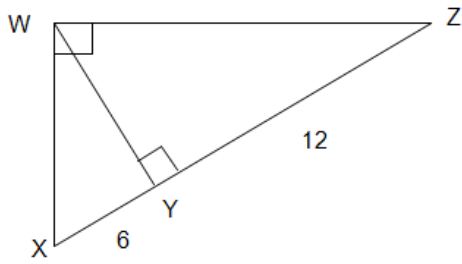

Example 2: Find the GM of 4 and 12   Example3:Find the GM of 5 and 15

<u>How we can use this in triangles</u>   Example 4: Find all the missing sides
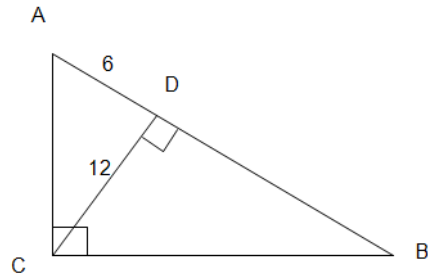

AC = _____

CD = _____

CB = _____

Example 5:Find all the missing sides

WZ = _____

WX = _____

WY = _____

Example 6:Find all the missing sides

DB = _____

AC = _____

CB = _____

Example 7: Find all missing segments
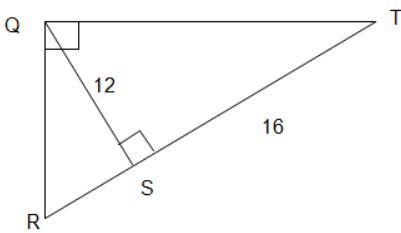
QR = _____

RS = _____
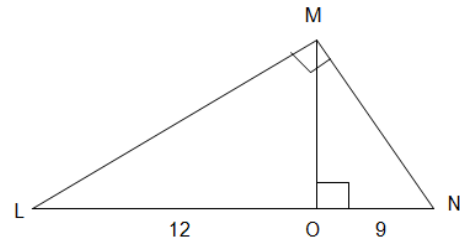
QT = _____

Show me you can do it!

MO = _____

LM = _____

MN = _____

EF = _____

FG = _____

EH = _____