**Looking For Pythagoras – AFL 1 (after Inv.2)**

**Learning Target 2: (\_\_\_\_\_ /16 pts. \_\_\_\_\_\_%)  
I am able to use rational numbers and irrational numbers to compare and estimate values.**

Find the length of the side of a square with the given area. (1 pt. each)

1. 9 mi2 2.) 196 yd2

Find the two consecutive whole numbers that each square root is between. (1 pt. each)

3.) 4.)

Estimate each square root to one decimal place. (1 pt. each)

5.) 6.)

For each number sentence below, decide if it is true or false. (1 pt. each)

7.) = 16 8.) = –7 9.) 110 =

Find the missing number. (1 pt. each)

10.) = 14 11.) 81 = 12.) = \_\_\_\_\_

13.) Put the following set of numbers on the number line. (4 pts.)

**2 – –1.5 0.3 –**

–2 –1 0 1 2 3