M8 - 3.3 - Identifying a, b and c HW

Label the triangle a, b, c, appropriately.

Triangle 1: legs 4 and 3, hypotenuse 5

Triangle 2: legs 8 and 4, hypotenuse 9

Triangle 3: legs 6 and 8, hypotenuse 10

Triangle 4: legs 11 and 7, hypotenuse 5

Triangle 5: legs 12 and 5, hypotenuse 13

Triangle 6: legs 14 and 10, hypotenuse 8

Triangle 7: legs 9 and 12, hypotenuse 15

Triangle 8: legs 60 and 45, hypotenuse 75

Triangle 9: legs 6 and 5, hypotenuse 7.81

Triangle 10: legs 6 and 2.5, hypotenuse 6.5
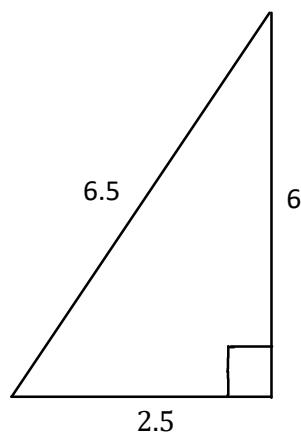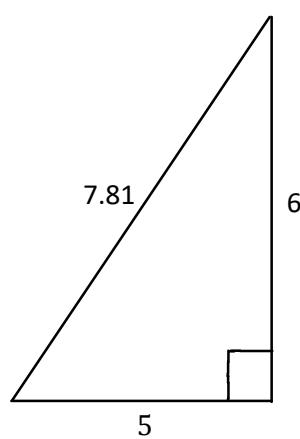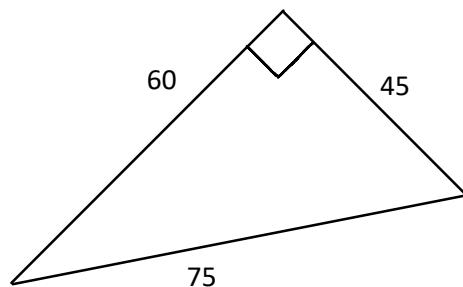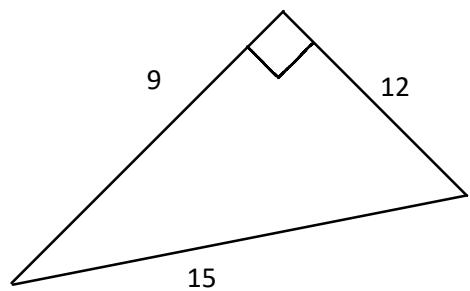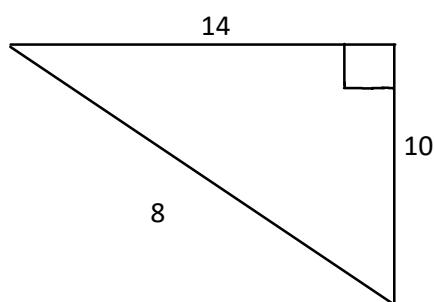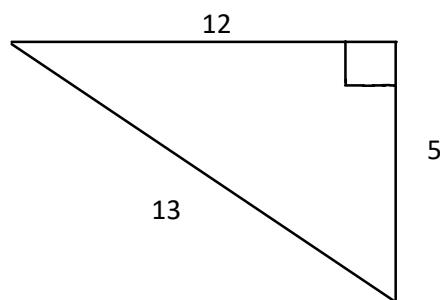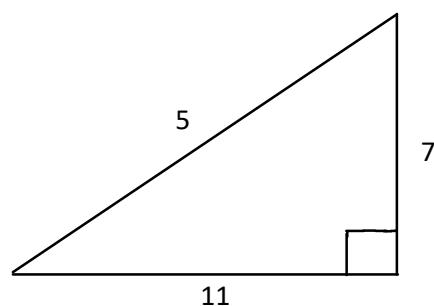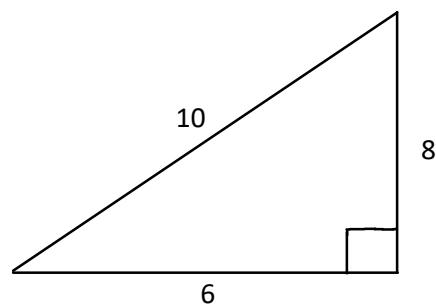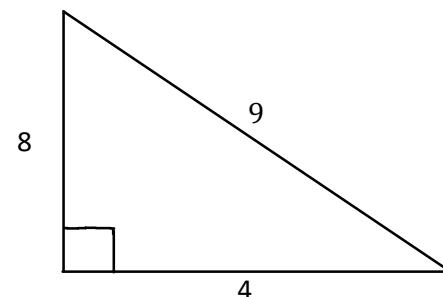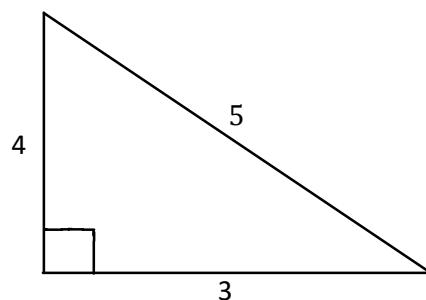
M8 - 3.3 - Pythagoras' Theorem HW

Using Pythagoras' Theorem, find the missing side.   *Pythagoras' Theorem:* $a^2 + b^2 = c^2$

4   c 3

c 8   6

b 5   13

7   a 25

b 4   13   3
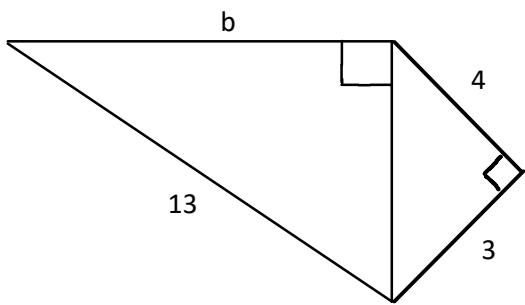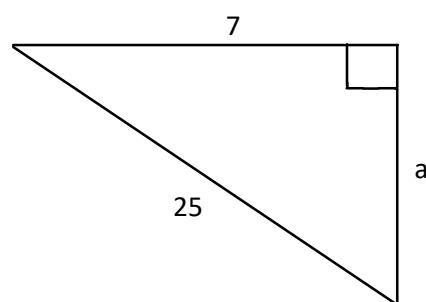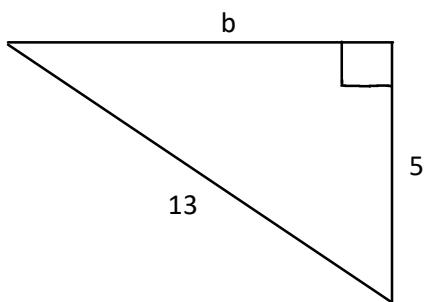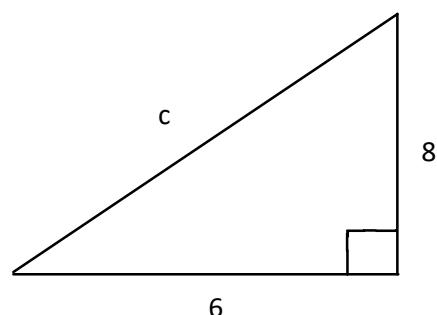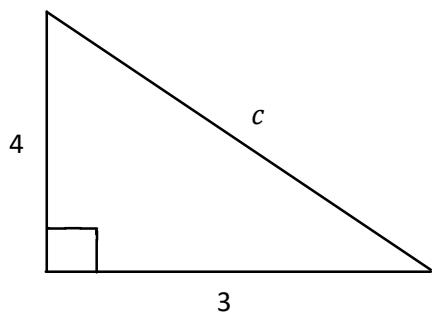
M8 - 3.3 - Pythagoras' Theorem (Calc) HW

Using Pythagoras' Theorem, find the missing side. $Pythagoras'\ Theorem: a^2 + b^2 = c^2$

c   6

5

9   a

15

b   15

15

9   14

c