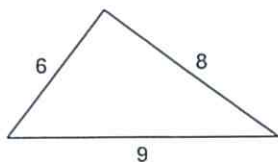


The Pythagorean Theorem

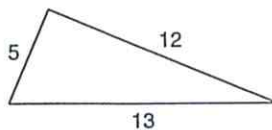
Date _____ Period _____

Do the following lengths form a right triangle?

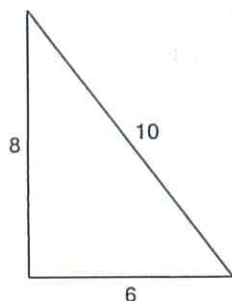
1)



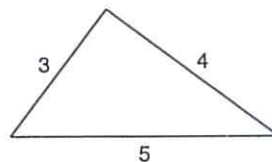
2)



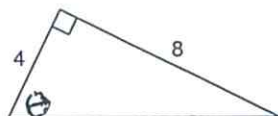
3)



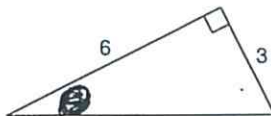
4)

~~5) $a = 6.4$, $b = 12$, $c = 12.2$~~ ~~6) $a = 2.1$, $b = 7.2$, $c = 7.5$~~ Find each missing length ~~to the nearest tenth. then~~ find $\sin \theta$, $\cos \theta$, $\tan \theta$.*Use simple radical form*

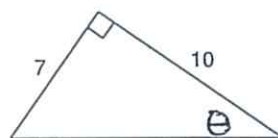
7)



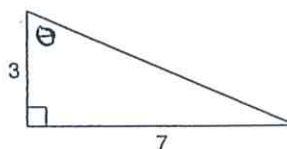
8)



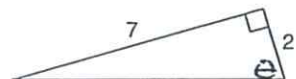
9)



10)



11)



12)

