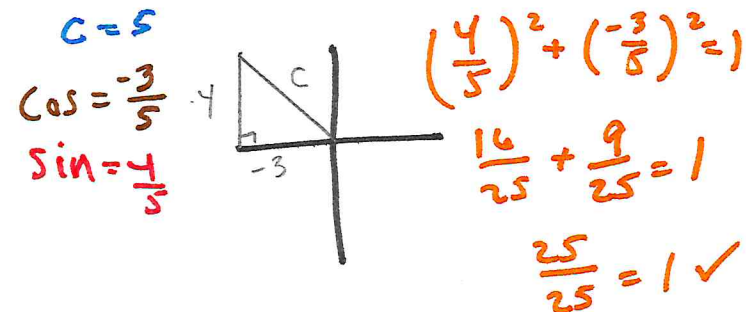


Honors Algebra 2
Pythagorean Identity Practice 2

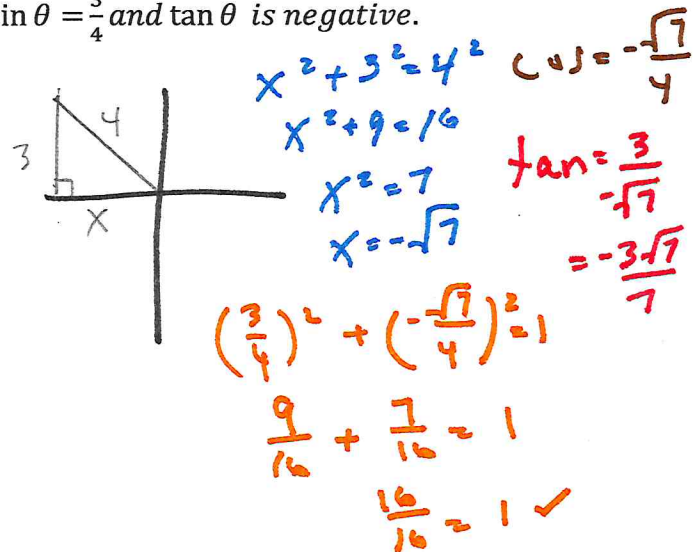
Name Kay hr

Given one trig ratio, find the other 2 ratios. Then verify the identity. Show the triangle for each example.

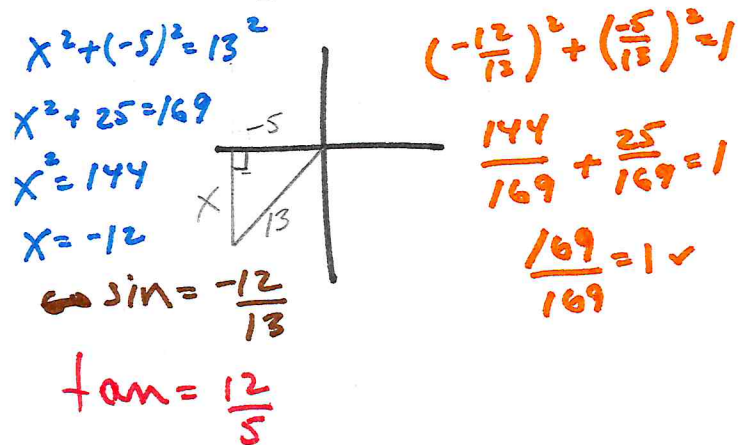
1. $\tan \theta = \frac{-4}{3}$ and $\sin \theta$ is positive.



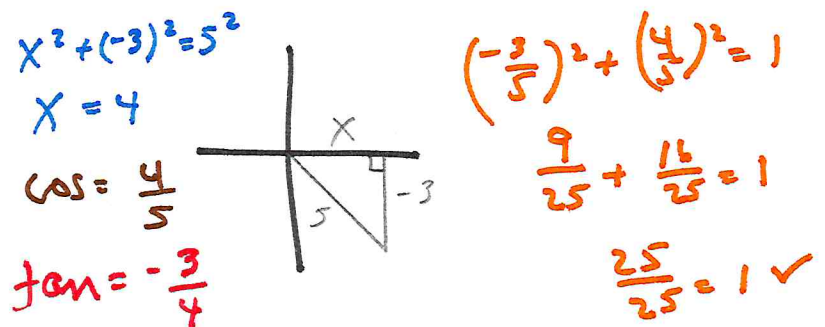
2. $\sin \theta = \frac{3}{4}$ and $\tan \theta$ is negative.



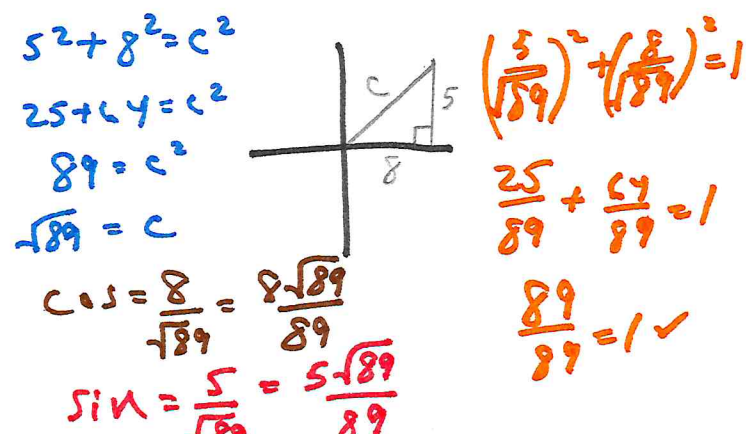
3. $\cos \theta = \frac{-5}{13}$ and $\tan \theta$ is positive.



4. $\sin \theta = \frac{-3}{5}$ and $\cos \theta$ is positive.



5. $\tan \theta = \frac{5}{8}$ and $\sin \theta$ is positive.



6. $\cos \theta = \frac{3}{5}$ and $\sin \theta$ is negative.

