Given one ratio, find the other **2** ratios.

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

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

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

4. $\sin \theta = \frac{-12}{13}$ *and* $\tan \theta$ *is positive.*

5. Given $\sin \theta = \frac{-4}{5}$, what are all possible values for $\cos \theta$ and $\tan \theta$?

Solve for all possible values of θ, $0 \leq \theta \leq 360$.

6) $4 \sin \theta = -2$

7) $4 \sin \theta - 2 = -4$

8) $4 \cos \theta - 2\sqrt{3} = 0$

9) $2 \cos \theta + \sqrt{3} = 0$

10) $\tan \theta + \sqrt{3} = 0$

11) $2 \tan \theta = 2$