Given one Trig measure find others Homework   Name_____

1. Given $\sin \theta = \dfrac{5}{9}$, find $\tan \theta =$

6. Given $\sin \theta = \dfrac{15}{19}$, find $\tan \theta =$

2. Given $\sin \theta = \dfrac{5}{9}$, find $\cos \theta =$

7. Given $\tan \theta = \dfrac{25}{15}$, find $\cos \theta =$

3. Given $\tan \theta = \dfrac{5}{4}$, find $\cos \theta =$

8. Given $\cos \theta = \dfrac{5\sqrt{2}}{16}$, find $\tan \theta =$

4. Given $\cos \theta = \dfrac{\sqrt{7}}{10}$, find $\sin \theta =$

9. Given $\tan \theta = \dfrac{5}{10}$, find $\sin \theta =$

5. Given $\sin \theta = \dfrac{12}{20}$, find $\cos \theta =$

10. Given $\sin \theta = \dfrac{\sqrt{13}}{8}$, find $\tan \theta =$

Guided notes:

Given a trig ratio you can determine the other trig ratios by first drawing a _____ _____.

Next identify one _____ and label the known_____.

Use the _____ _____ to find the missing side.

Now you have the information needed to determine the missing _____ _____