Using and Understanding the Unit Circle - Guided Lesson

1) Let $\sin \theta = \dfrac{6}{16}$

Find the value of a given trigonometric ratio using unit circles:

$\cos \theta = $, $\tan \theta = $, $\sec \theta = $, $\csc \theta = $

2) Let $\sin \theta = \dfrac{2}{12}$

Find the value of a given trigonometric ratio using unit circles:

$\cos \theta = $, $\tan \theta = $, $\sec \theta = $, $\csc \theta = $

3) Let $\cos \theta = -\dfrac{10}{15}$

Find the value of a given trigonometric ratio using unit circles:

$\sin \theta = $, $\tan \theta = $, $\sec \theta = $, $\csc \theta = $