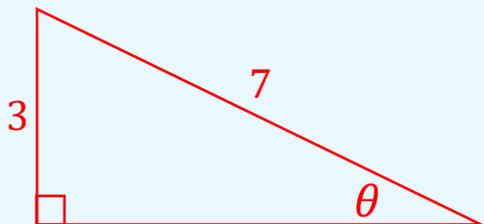




Name

Score

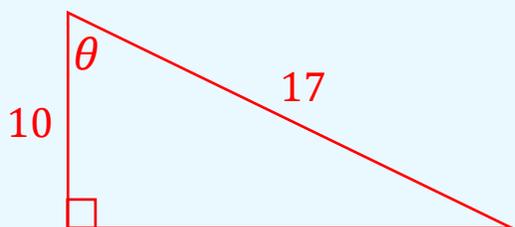
Determine the six trigonometric ratios. Show all steps.



$$\sin \theta = \quad \quad \quad \csc \theta =$$

$$\cos \theta = \quad \quad \quad \sec \theta =$$

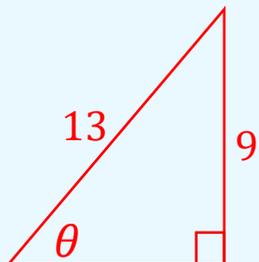
$$\tan \theta = \quad \quad \quad \cot \theta =$$



$$\sin \theta = \quad \quad \quad \csc \theta =$$

$$\cos \theta = \quad \quad \quad \sec \theta =$$

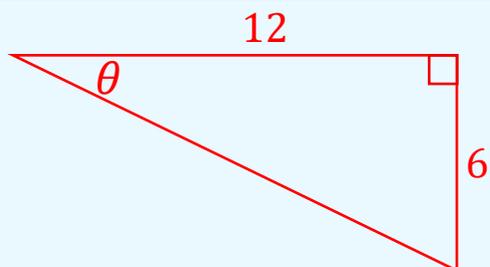
$$\tan \theta = \quad \quad \quad \cot \theta =$$



$$\sin \theta = \quad \quad \quad \csc \theta =$$

$$\cos \theta = \quad \quad \quad \sec \theta =$$

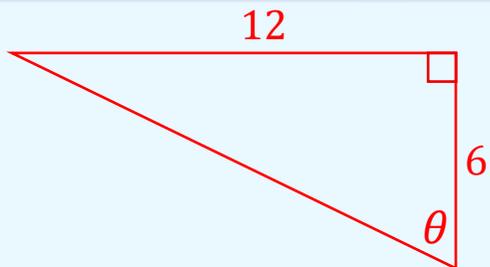
$$\tan \theta = \quad \quad \quad \cot \theta =$$



$$\sin \theta = \quad \quad \quad \csc \theta =$$

$$\cos \theta = \quad \quad \quad \sec \theta =$$

$$\tan \theta = \quad \quad \quad \cot \theta =$$



$$\sin \theta = \quad \quad \quad \csc \theta =$$

$$\cos \theta = \quad \quad \quad \sec \theta =$$

$$\tan \theta = \quad \quad \quad \cot \theta =$$



Determine the six trigonometric ratios. Show all steps.

$$\sin \theta = \frac{3}{7}$$

$$\csc \theta = \frac{7}{3}$$

$$\cos \theta = \frac{2\sqrt{10}}{7}$$

$$\sec \theta = \frac{7\sqrt{10}}{20}$$

$$\tan \theta = \frac{3\sqrt{10}}{20}$$

$$\cot \theta = \frac{2\sqrt{10}}{3}$$

$$\sin \theta = \frac{3\sqrt{21}}{17}$$

$$\csc \theta = \frac{17\sqrt{21}}{63}$$

$$\cos \theta = \frac{10}{17}$$

$$\sec \theta = \frac{17}{10}$$

$$\tan \theta = \frac{3\sqrt{21}}{10}$$

$$\cot \theta = \frac{10\sqrt{21}}{63}$$

$$\sin \theta = \frac{9}{13}$$

$$\csc \theta = \frac{13}{9}$$

$$\cos \theta = \frac{2\sqrt{22}}{13}$$

$$\sec \theta = \frac{13\sqrt{22}}{44}$$

$$\tan \theta = \frac{9\sqrt{22}}{44}$$

$$\cot \theta = \frac{2\sqrt{22}}{9}$$

$$\sin \theta = \frac{\sqrt{5}}{5}$$

$$\csc \theta = \sqrt{5}$$

$$\cos \theta = \frac{2\sqrt{5}}{5}$$

$$\sec \theta = \frac{\sqrt{5}}{2}$$

$$\tan \theta = \frac{1}{2}$$

$$\cot \theta = 2$$

$$\sin \theta = \frac{2\sqrt{5}}{5}$$

$$\csc \theta = \frac{\sqrt{5}}{2}$$

$$\cos \theta = \frac{\sqrt{5}}{5}$$

$$\sec \theta = \sqrt{5}$$

$$\tan \theta = 2$$

$$\cot \theta = \frac{1}{2}$$