

Student Name: _____

Score: _____

Use unit circle to find the missing ratios

Sheet 1

$$\text{Let } \cos \theta = -\frac{7}{25}, 90^\circ < \theta < 180^\circ$$

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

$$\sin \theta =$$

$$\tan \theta =$$

$$\sec \theta =$$

$$\csc \theta =$$

$$\cot \theta =$$

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Answer key

Use unit circle to find the missing ratios

Sheet 1

$$\text{Let } \cos \theta = -\frac{7}{25}, 90^\circ < \theta < 180^\circ$$

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

$$\sin \theta = \frac{24}{25}$$

$$\tan \theta = -\frac{24}{7}$$

$$\sec \theta = -\frac{25}{7}$$

$$\csc \theta = \frac{25}{24}$$

$$\cot \theta = -\frac{7}{24}$$