

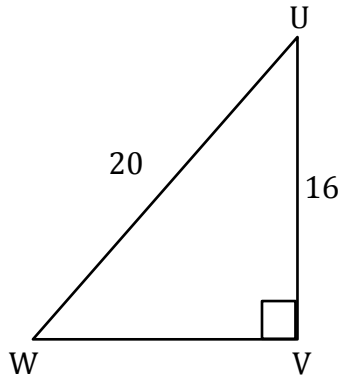
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle W$



$$\sin W = \underline{\hspace{2cm}}$$

$$\operatorname{cosec} W = \underline{\hspace{2cm}}$$

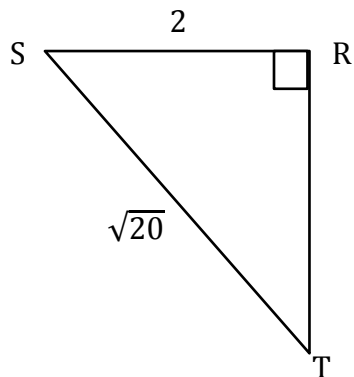
$$\cos W = \underline{\hspace{2cm}}$$

$$\sec W = \underline{\hspace{2cm}}$$

$$\tan W = \underline{\hspace{2cm}}$$

$$\cot W = \underline{\hspace{2cm}}$$

2) $\angle T$



$$\sin T = \underline{\hspace{2cm}}$$

$$\operatorname{cosec} T = \underline{\hspace{2cm}}$$

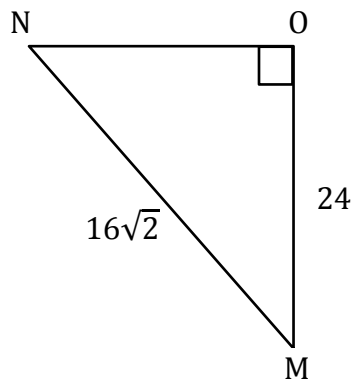
$$\cos T = \underline{\hspace{2cm}}$$

$$\sec T = \underline{\hspace{2cm}}$$

$$\tan T = \underline{\hspace{2cm}}$$

$$\cot T = \underline{\hspace{2cm}}$$

3) $\angle M$



$$\sin M = \underline{\hspace{2cm}}$$

$$\operatorname{cosec} M = \underline{\hspace{2cm}}$$

$$\cos M = \underline{\hspace{2cm}}$$

$$\sec M = \underline{\hspace{2cm}}$$

$$\tan M = \underline{\hspace{2cm}}$$

$$\cot M = \underline{\hspace{2cm}}$$

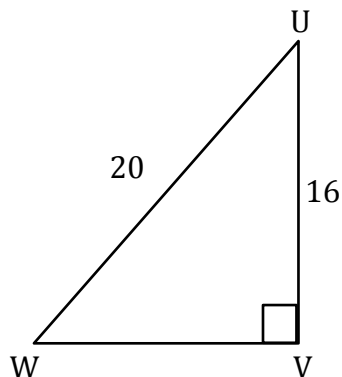
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle W$



$$\sin W = \frac{4}{5}$$

$$\operatorname{cosec} W = \frac{5}{4}$$

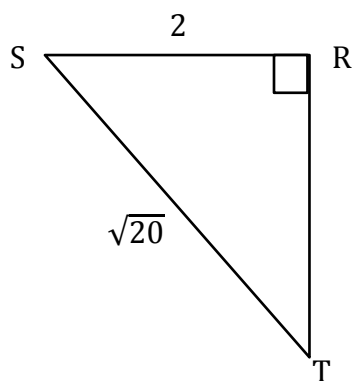
$$\cos W = \frac{3}{5}$$

$$\sec W = \frac{5}{3}$$

$$\tan W = \frac{4}{3}$$

$$\cot W = \frac{3}{4}$$

2) $\angle T$



$$\sin T = \frac{2}{\sqrt{20}}$$

$$\operatorname{cosec} T = \frac{\sqrt{20}}{2}$$

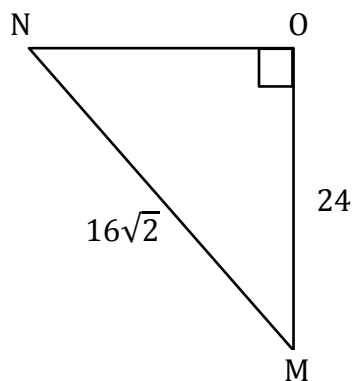
$$\cos T = \frac{4}{\sqrt{20}}$$

$$\sec T = \frac{\sqrt{20}}{4}$$

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

$$\cot T = 2$$

3) $\angle M$



$$\sin M = \frac{2\sqrt{2}}{3}$$

$$\operatorname{cosec} M = \frac{3\sqrt{2}}{4}$$

$$\cos M = \frac{1}{3}$$

$$\sec M = 3$$

$$\tan M = 2\sqrt{2}$$

$$\cot M = \frac{\sqrt{2}}{4}$$