

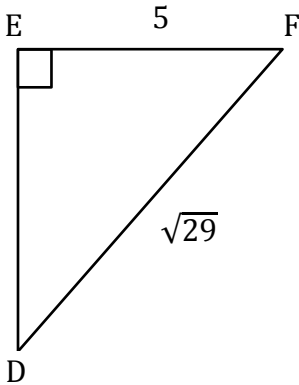
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle F$



$\sin F =$ _____

$\operatorname{cosec} F =$ _____

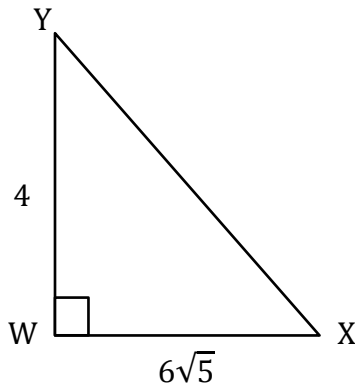
$\cos F =$ _____

$\sec F =$ _____

$\tan F =$ _____

$\cot F =$ _____

2) $\angle Y$



$\sin Y =$ _____

$\operatorname{cosec} Y =$ _____

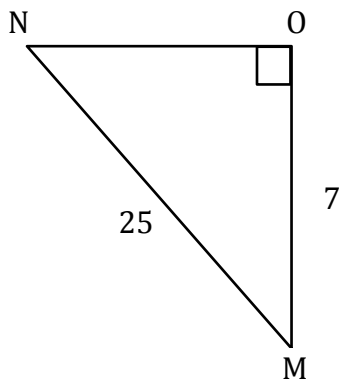
$\cos Y =$ _____

$\sec Y =$ _____

$\tan Y =$ _____

$\cot Y =$ _____

3) $\angle N$



$\sin N =$ _____

$\operatorname{cosec} N =$ _____

$\cos N =$ _____

$\sec N =$ _____

$\tan N =$ _____

$\cot N =$ _____

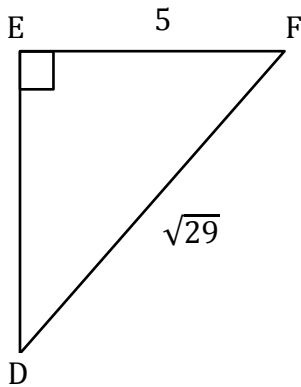
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle F$



$$\sin F = \frac{2}{\sqrt{29}}$$

$$\operatorname{cosec} F = \frac{\sqrt{29}}{2}$$

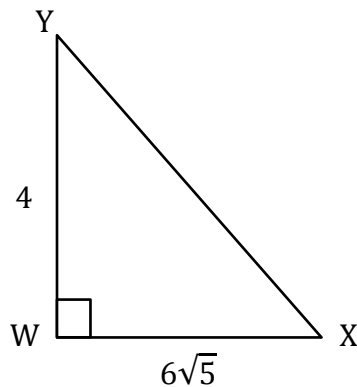
$$\cos F = \frac{5}{\sqrt{29}}$$

$$\sec F = \frac{\sqrt{29}}{5}$$

$$\tan F = \frac{2}{5}$$

$$\cot F = \frac{5}{2}$$

2) $\angle Y$



$$\sin Y = \frac{3\sqrt{5}}{7}$$

$$\operatorname{cosec} Y = \frac{7}{3\sqrt{5}}$$

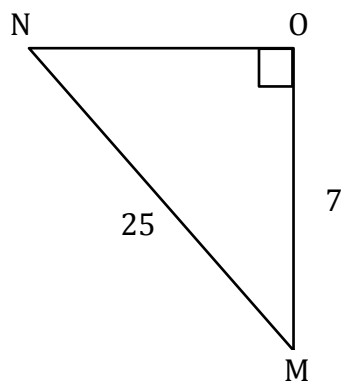
$$\cos Y = \frac{2}{7}$$

$$\sec Y = \frac{7}{2}$$

$$\tan Y = \frac{3\sqrt{5}}{2}$$

$$\cot Y = \frac{2}{3\sqrt{5}}$$

3) $\angle N$



$$\sin N = \frac{7}{25}$$

$$\operatorname{cosec} N = \frac{25}{7}$$

$$\cos N = \frac{24}{25}$$

$$\sec N = \frac{25}{24}$$

$$\tan N = \frac{7}{24}$$

$$\cot N = \frac{24}{7}$$