

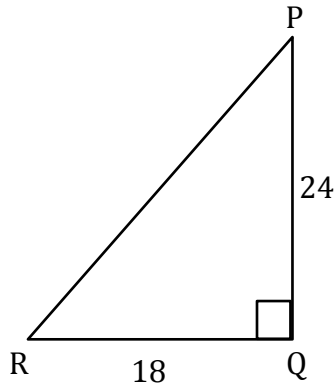
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle R$



$\sin R =$ _____

$\operatorname{cosec} R =$ _____

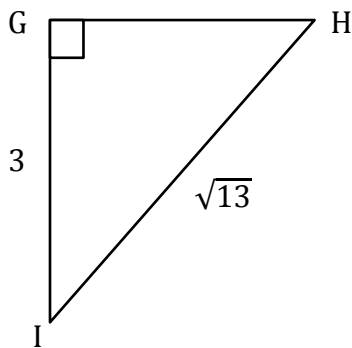
$\cos R =$ _____

$\sec R =$ _____

$\tan R =$ _____

$\cot R =$ _____

2) $\angle H$



$\sin H =$ _____

$\operatorname{cosec} H =$ _____

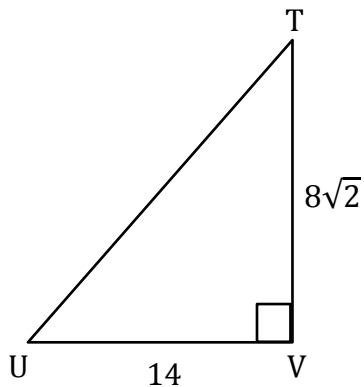
$\cos H =$ _____

$\sec A =$ _____

$\tan H =$ _____

$\cot A =$ _____

3) $\angle U$



$\sin U =$ _____

$\operatorname{cosec} A =$ _____

$\cos U =$ _____

$\sec A =$ _____

$\tan U =$ _____

$\cot A =$ _____

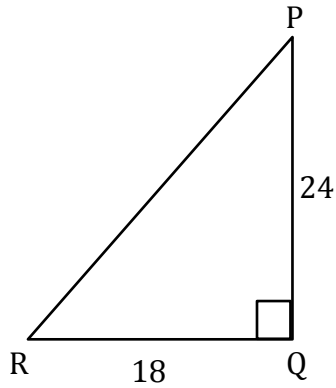
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle R$



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

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

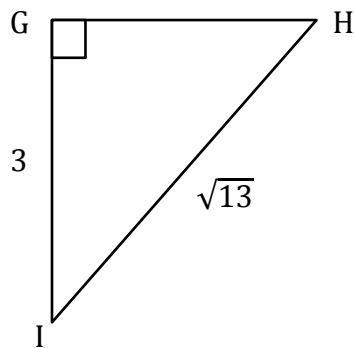
$$\cos R = \frac{3}{5}$$

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

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

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

2) $\angle H$



$$\sin H = \frac{3}{\sqrt{13}}$$

$$\operatorname{cosec} H = \frac{\sqrt{13}}{3}$$

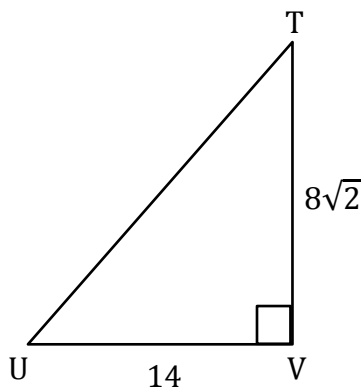
$$\cos H = \frac{2}{\sqrt{13}}$$

$$\sec A = \frac{\sqrt{13}}{2}$$

$$\tan H = \frac{3}{2}$$

$$\cot A = \frac{2}{3}$$

3) $\angle U$



$$\sin U = \frac{4\sqrt{2}}{9}$$

$$\operatorname{cosec} A = \frac{9}{4\sqrt{2}}$$

$$\cos U = \frac{7}{9}$$

$$\sec A = \frac{9}{7}$$

$$\tan U = \frac{4\sqrt{2}}{7}$$

$$\cot A = \frac{7}{4\sqrt{2}}$$