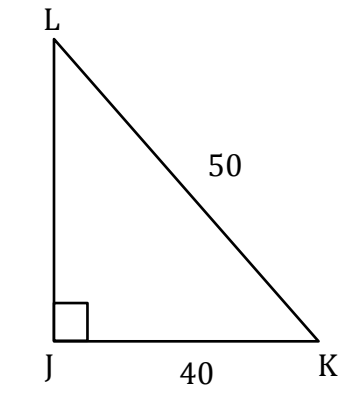
Trigonometry

Name:_____ Date:_____

Find all the six trigonometric ratios.

1) $\angle L$

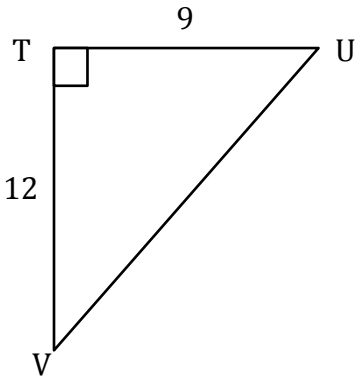


sin L = _____ cosec L = _____

cos L = _____ sec L = _____

tan L = _____ cot L = _____

2) $\angle V$

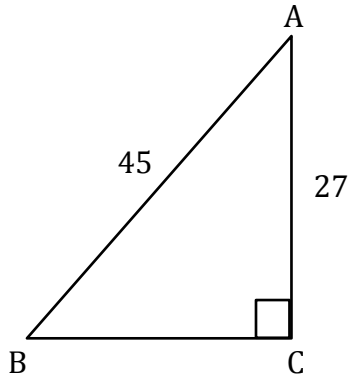


sin V = _____ cosec V = _____

cos V = _____ sec V = _____

tan V = _____ cot V = _____

3) $\angle B$



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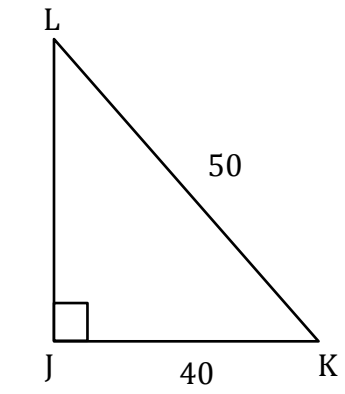
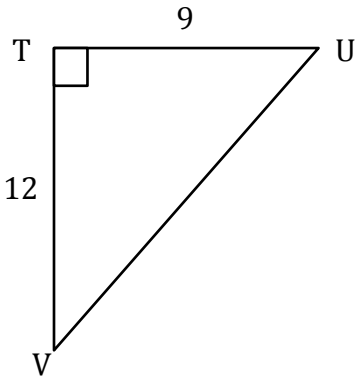


$\sin L = \frac{4}{5}$ $\quad \operatorname{cosec} L = \frac{5}{4}$

$\cos L = \frac{3}{5}$ $\quad \sec L = \frac{5}{3}$

$\tan L = \frac{4}{3}$ $\quad \cot L = \frac{3}{4}$

2) $\angle V$



$\sin V = \frac{3}{5}$ $\quad \operatorname{cosec} V = \frac{5}{3}$

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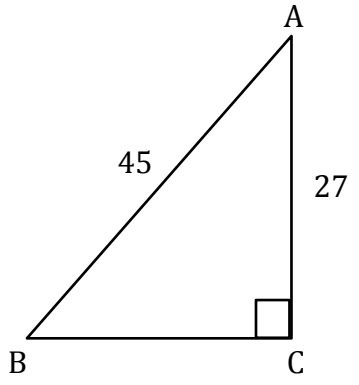
$\tan V = \frac{3}{4}$ $\quad \cot V = \frac{4}{3}$

3) $\angle B$



$\sin B = \frac{3}{5}$ $\quad \operatorname{cosec} B = \frac{5}{3}$

$\cos B = \frac{4}{5}$ $\quad \sec B = \frac{5}{4}$

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