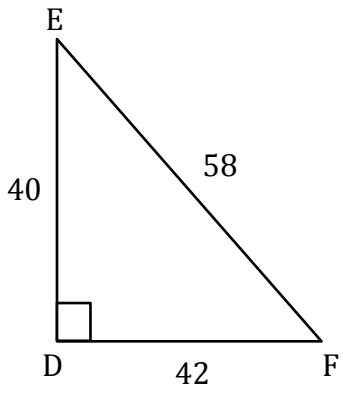
Trigonometry

Name:_____ Date:_____

Find all the three primary trigonometric ratios.

1) $\angle E$

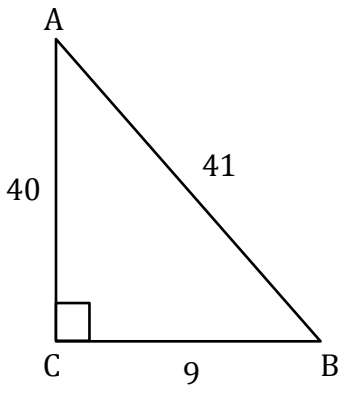


sin E = _____

cos E = _____

tan E = _____

2) $\angle B$

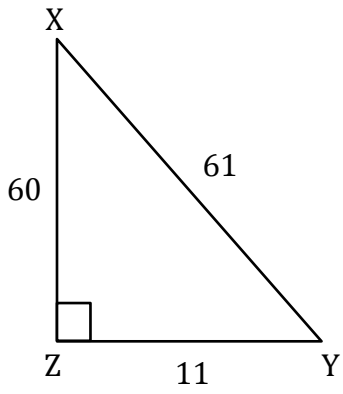


sin B = _____

cos B = _____

tan B = _____

3) $\angle Y$

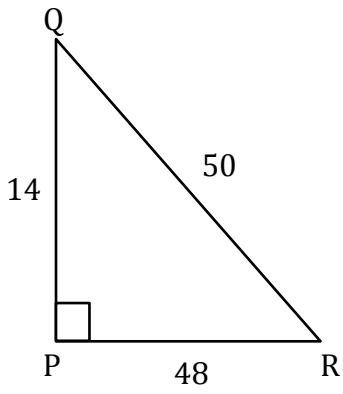


sin Y = _____

cos Y = _____

tan Y = _____

4) $\angle Q$

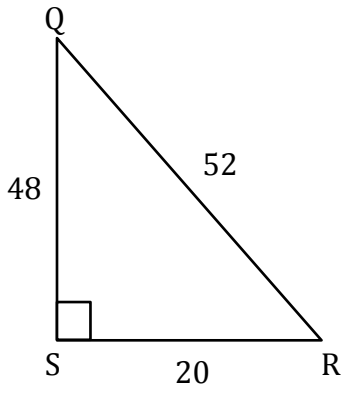


sin Q = _____

cos Q = _____

tan Q = _____

5) $\angle R$

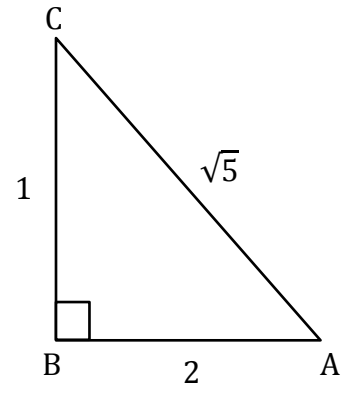


sin R = _____

cos R = _____

tan R = _____

6) $\angle C$



sin C = _____

cos C = _____

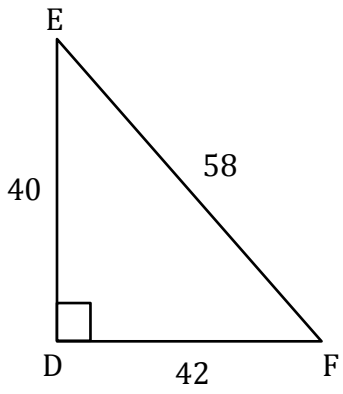
tan C = _____

Trigonometry

Name:_____ Date:_____

Find all the three primary trigonometric ratios.

1) $\angle E$

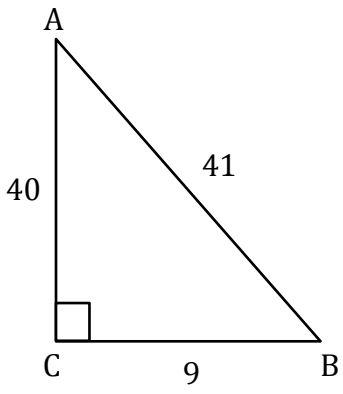


$\sin E = \frac{21}{29}$

$\cos E = \frac{20}{29}$

$\tan E = \frac{21}{20}$

2) $\angle B$

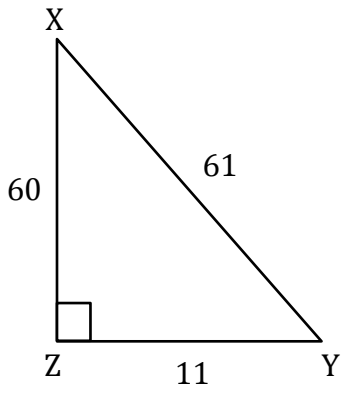


$\sin B = \frac{40}{41}$

$\cos B = \frac{9}{41}$

$\tan B = \frac{40}{9}$

3) $\angle Y$

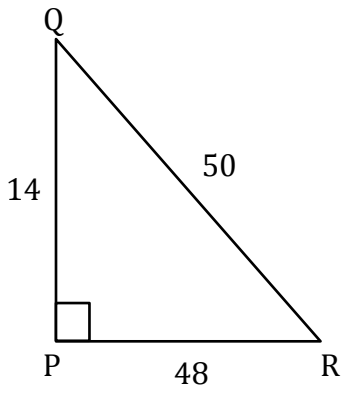


$\sin Y = \frac{60}{61}$

$\cos Y = \frac{11}{61}$

$\tan Y = \frac{60}{11}$

4) $\angle Q$

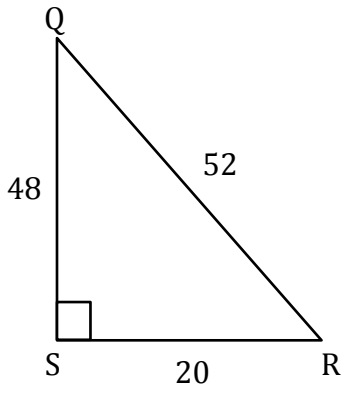


$\sin Q = \frac{24}{25}$

$\cos Q = \frac{7}{25}$

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

5) $\angle R$

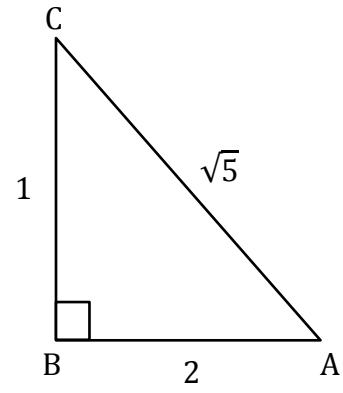


$\sin R = \frac{12}{13}$

$\cos R = \frac{5}{13}$

$\tan R = \frac{12}{5}$

6) $\angle C$



$\sin C = \frac{2}{\sqrt{5}}$

$\cos C = \frac{1}{\sqrt{5}}$

$\tan C = 2$