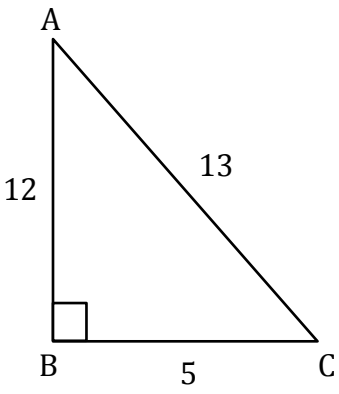
Trigonometry

Name:_____ Date:_____

Find all the three primary trigonometric ratios.

1) $\angle A$

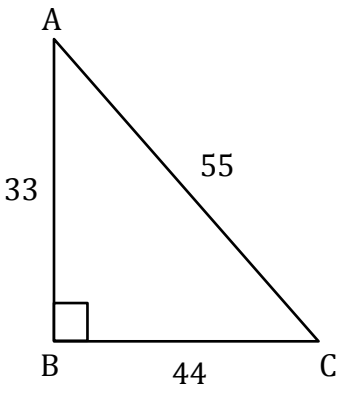


sin A = _____

cos A = _____

tan A = _____

2) $\angle C$

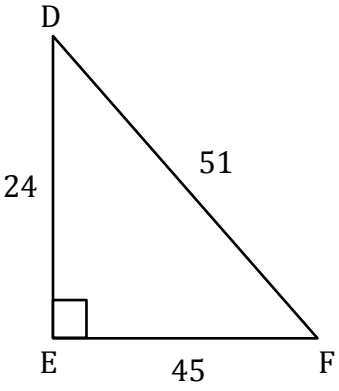


sin C = _____

cos C = _____

tan C = _____

3) $\angle D$

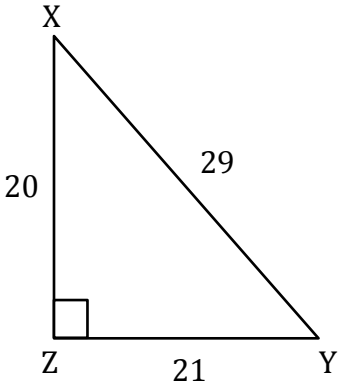


sin D = _____

cos D = _____

tan D = _____

4) $\angle Y$

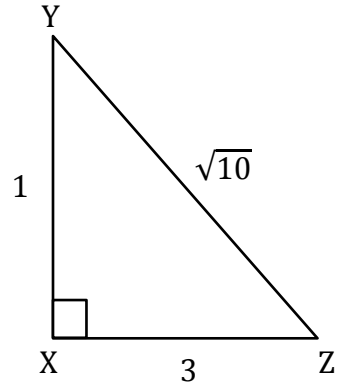


sin Y = _____

cos Y = _____

tan Y = _____

5) $\angle Z$

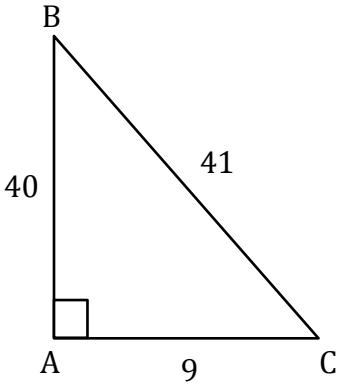


sin Z = _____

cos Z = _____

tan Z = _____

6) $\angle B$



sin B = _____

cos B = _____

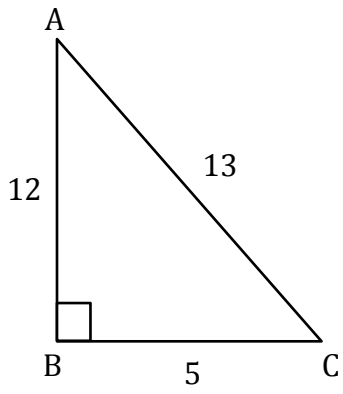
tan B = _____

Trigonometry

Name:_____ Date:_____

Find all the three primary trigonometric ratios.

1) $\angle A$

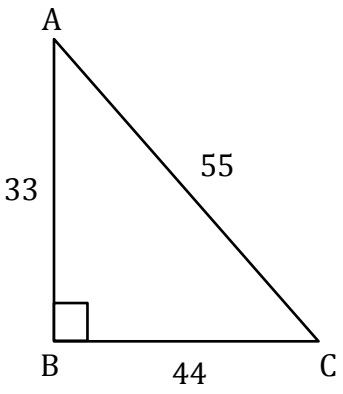


$\sin A = \frac{5}{13}$

$\cos A = \frac{12}{13}$

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

2) $\angle C$

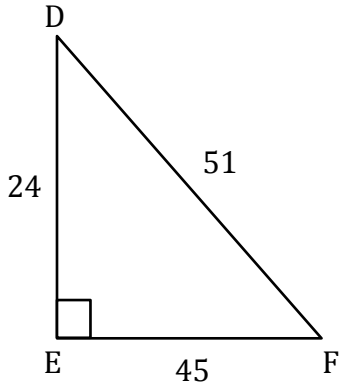


$\sin C = \frac{3}{5}$

$\cos C = \frac{4}{5}$

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

3) $\angle D$

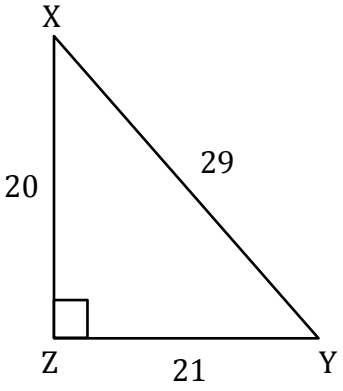


$\sin D = \frac{15}{17}$

$\cos D = \frac{8}{17}$

$\tan D = \frac{15}{8}$

4) $\angle Y$

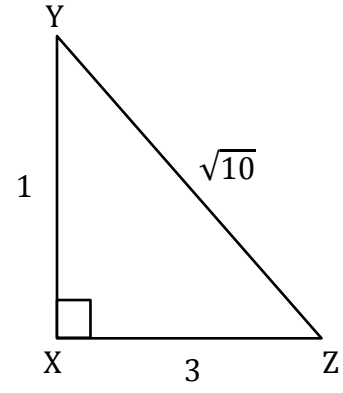


$\sin Y = \frac{20}{29}$

$\cos Y = \frac{21}{29}$

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

5) $\angle Z$

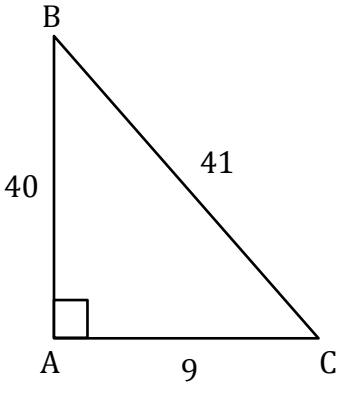


$\sin Z = \frac{1}{\sqrt{10}}$

$\cos Z = \frac{3}{\sqrt{10}}$

$\tan Z = \frac{1}{3}$

6) $\angle B$



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

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

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