

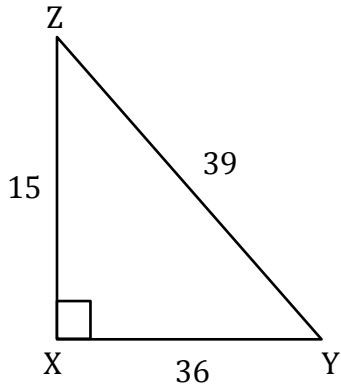
# Trigonometry

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Find all the three primary trigonometric ratios.**

1)  $\angle Z$

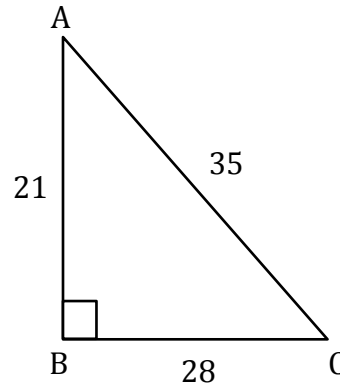


$\sin Z =$  \_\_\_\_\_

$\cos Z =$  \_\_\_\_\_

$\tan Z =$  \_\_\_\_\_

2)  $\angle C$

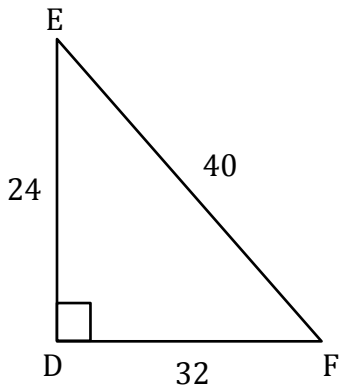


$\sin C =$  \_\_\_\_\_

$\cos C =$  \_\_\_\_\_

$\tan C =$  \_\_\_\_\_

3)  $\angle E$

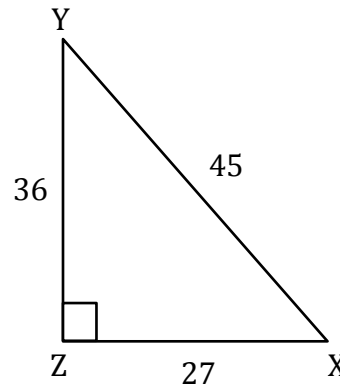


$\sin E =$  \_\_\_\_\_

$\cos E =$  \_\_\_\_\_

$\tan E =$  \_\_\_\_\_

4)  $\angle Y$

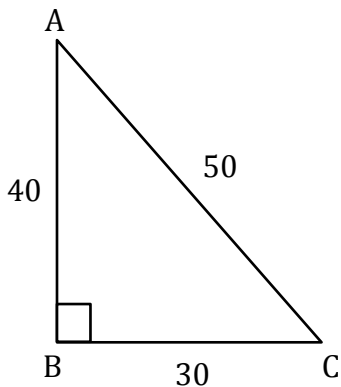


$\sin Y =$  \_\_\_\_\_

$\cos Y =$  \_\_\_\_\_

$\tan Y =$  \_\_\_\_\_

5)  $\angle A$

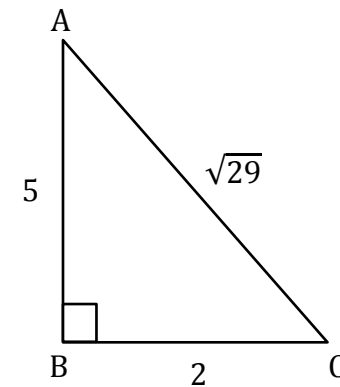


$\sin A =$  \_\_\_\_\_

$\cos A =$  \_\_\_\_\_

$\tan A =$  \_\_\_\_\_

6)  $\angle C$



$\sin C =$  \_\_\_\_\_

$\cos C =$  \_\_\_\_\_

$\tan C =$  \_\_\_\_\_

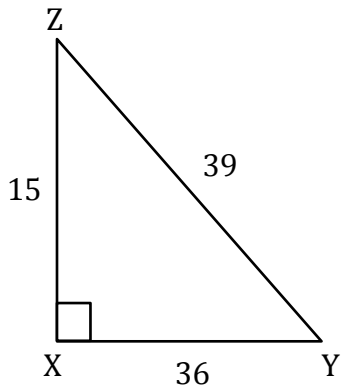
# Trigonometry

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Date: \_\_\_\_\_

**Find all the three primary trigonometric ratios.**

1)  $\angle Z$

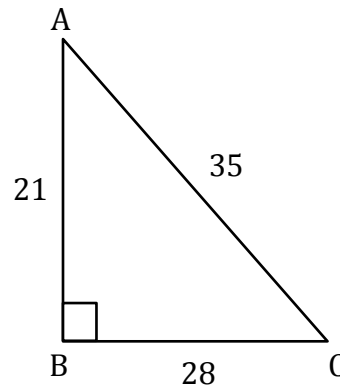


$$\sin Z = \frac{12}{13}$$

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

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

2)  $\angle C$

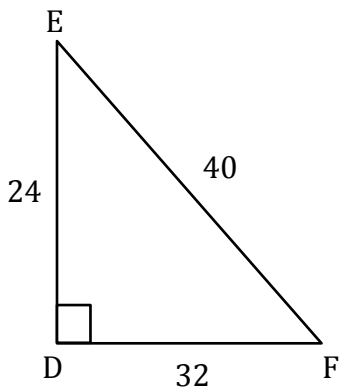


$$\sin C = \frac{28}{35}$$

$$\cos C = \frac{21}{35}$$

$$\tan C = \frac{28}{21}$$

3)  $\angle E$

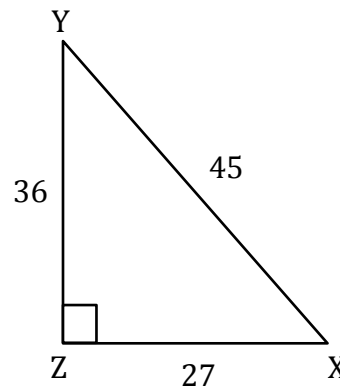


$$\sin E = \frac{4}{5}$$

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

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

4)  $\angle Y$

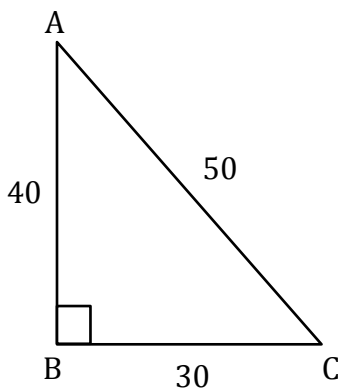


$$\sin Y = \frac{3}{5}$$

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

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

5)  $\angle A$

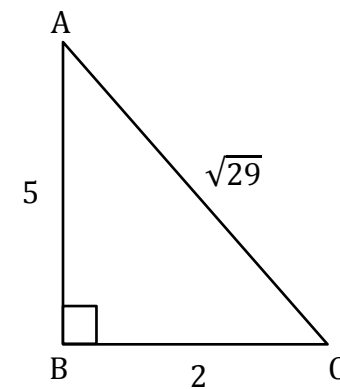


$$\sin A = \frac{3}{5}$$

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

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

6)  $\angle C$



$$\sin C = \frac{5}{\sqrt{29}}$$

$$\cos C = \frac{2}{\sqrt{29}}$$

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