

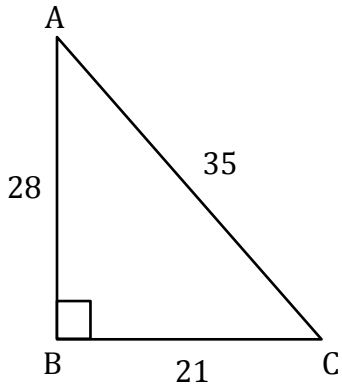
# Trigonometry

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

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

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

1)  $\angle C$

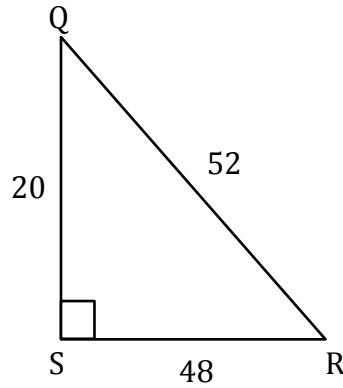


cosec C = \_\_\_\_\_

sec C = \_\_\_\_\_

cot C = \_\_\_\_\_

2)  $\angle R$

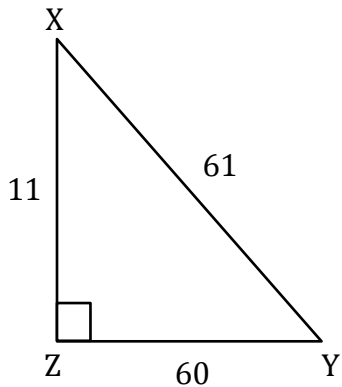


cosec A = \_\_\_\_\_

sec A = \_\_\_\_\_

cot A = \_\_\_\_\_

3)  $\angle Y$

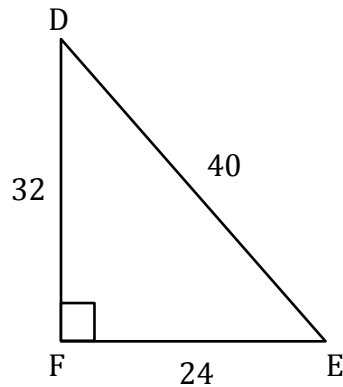


cosec Y = \_\_\_\_\_

sec Y = \_\_\_\_\_

cot Y = \_\_\_\_\_

4)  $\angle E$

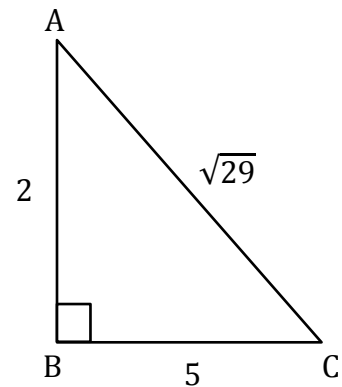


cosec E = \_\_\_\_\_

sec E = \_\_\_\_\_

cot E = \_\_\_\_\_

5)  $\angle C$

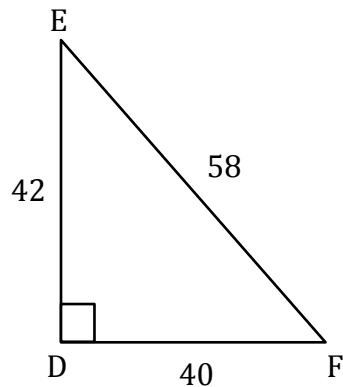


cosec A = \_\_\_\_\_

sec A = \_\_\_\_\_

cot A = \_\_\_\_\_

6)  $\angle E$



cosec E = \_\_\_\_\_

sec E = \_\_\_\_\_

cot E = \_\_\_\_\_

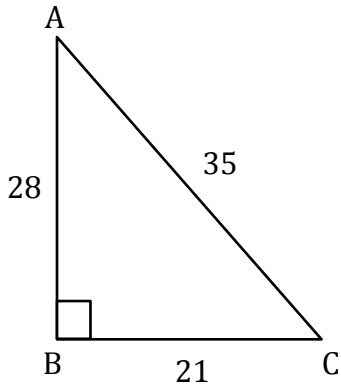
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**Find all the three reciprocal trigonometric ratios.**

1)  $\angle C$

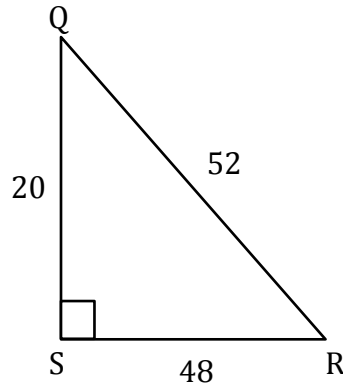


$$\operatorname{cosec} C = \frac{35}{28}$$

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

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

2)  $\angle R$

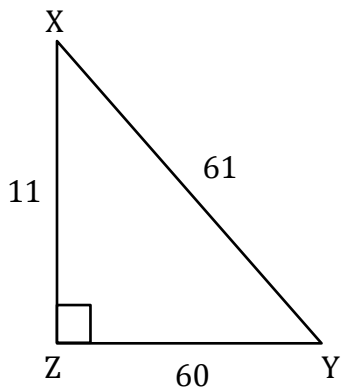


$$\operatorname{cosec} A = \frac{13}{5}$$

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

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

3)  $\angle Y$

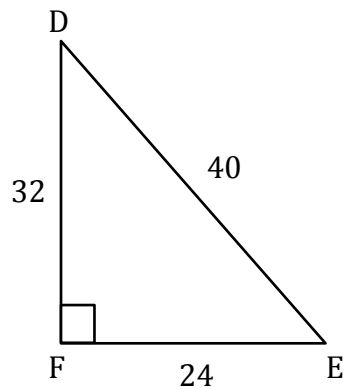


$$\operatorname{cosec} Y = \frac{61}{11}$$

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

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

4)  $\angle E$

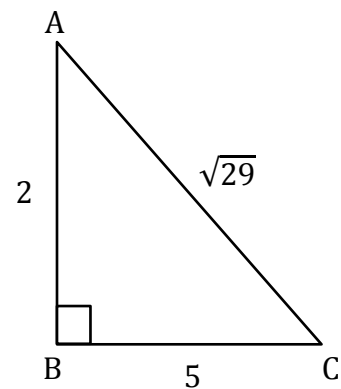


$$\operatorname{cosec} E = \frac{5}{4}$$

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

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

5)  $\angle C$

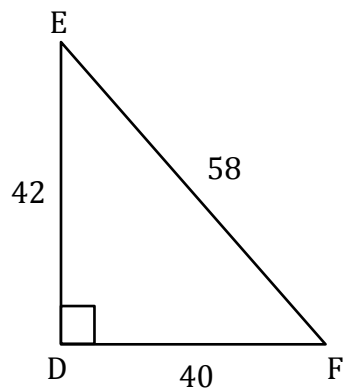


$$\operatorname{cosec} A = \frac{\sqrt{29}}{2}$$

$$\sec A = \frac{\sqrt{29}}{5}$$

$$\cot A = \frac{5}{2}$$

6)  $\angle E$



$$\operatorname{cosec} E = \frac{29}{20}$$

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

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