

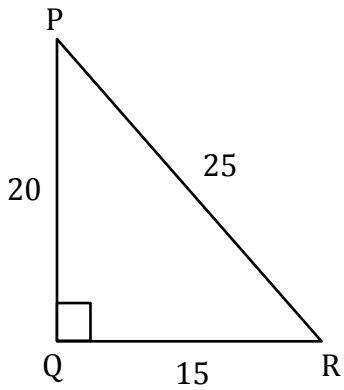
Trigonometry

Name: _____

Date: _____

Find all the three reciprocal trigonometric ratios.

1) $\angle R$

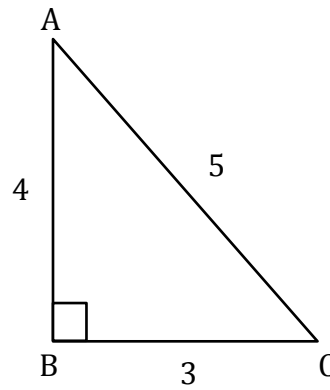


$$\operatorname{cosec} R = \frac{5}{4}$$

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

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

2) $\angle A$

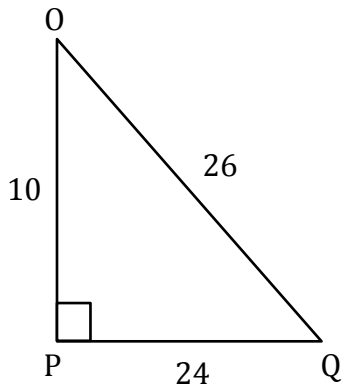


$$\operatorname{cosec} A = \underline{\hspace{2cm}}$$

$$\sec A = \underline{\hspace{2cm}}$$

$$\cot A = \underline{\hspace{2cm}}$$

3) $\angle O$

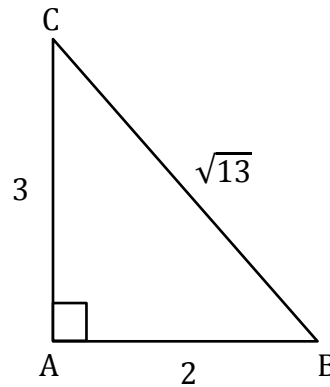


$$\operatorname{cosec} O = \underline{\hspace{2cm}}$$

$$\sec O = \underline{\hspace{2cm}}$$

$$\cot O = \underline{\hspace{2cm}}$$

4) $\angle B$

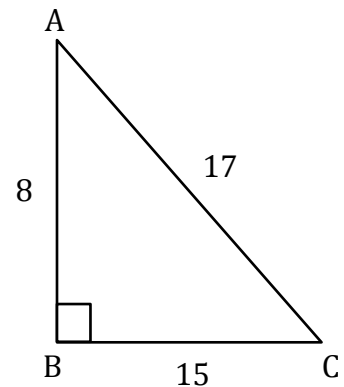


$$\operatorname{cosec} B = \underline{\hspace{2cm}}$$

$$\sec B = \underline{\hspace{2cm}}$$

$$\cot B = \underline{\hspace{2cm}}$$

5) $\angle A$

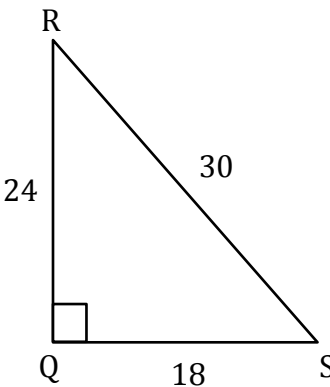


$$\operatorname{cosec} A = \underline{\hspace{2cm}}$$

$$\sec A = \underline{\hspace{2cm}}$$

$$\cot A = \underline{\hspace{2cm}}$$

6) $\angle S$



$$\operatorname{cosec} S = \underline{\hspace{2cm}}$$

$$\sec S = \underline{\hspace{2cm}}$$

$$\cot S = \underline{\hspace{2cm}}$$

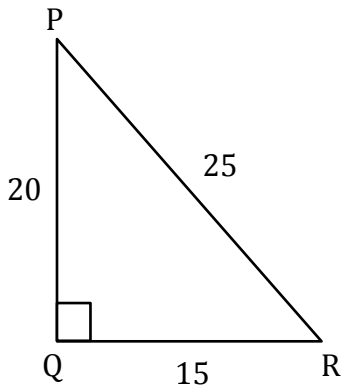
Trigonometry

Name: _____

Date: _____

Find all the three reciprocal trigonometric ratios.

1) $\angle R$

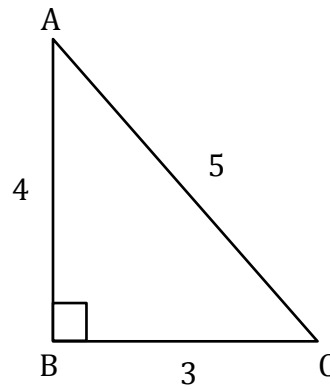


$$\operatorname{cosec} R = \frac{5}{4}$$

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

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

2) $\angle A$

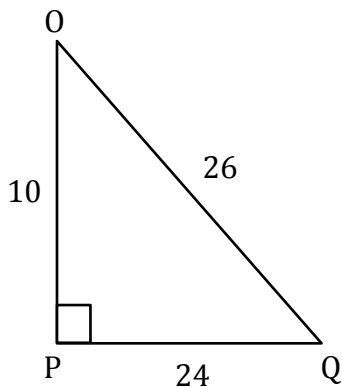


$$\operatorname{cosec} A = \frac{5}{3}$$

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

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

3) $\angle O$

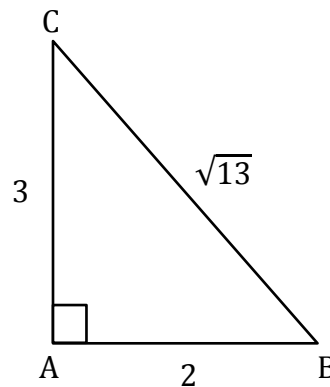


$$\operatorname{cosec} O = \frac{13}{12}$$

$$\sec O = \frac{13}{5}$$

$$\cot O = \frac{5}{12}$$

4) $\angle B$

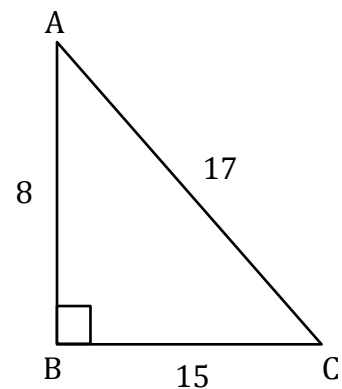


$$\operatorname{cosec} A = \frac{\sqrt{13}}{3}$$

$$\sec A = \frac{\sqrt{13}}{2}$$

$$\cot A = \frac{2}{3}$$

5) $\angle A$

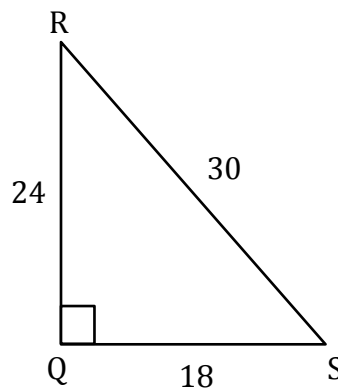


$$\operatorname{cosec} A = \frac{17}{15}$$

$$\sec A = \frac{17}{8}$$

$$\cot A = \frac{15}{8}$$

6) $\angle S$



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

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

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