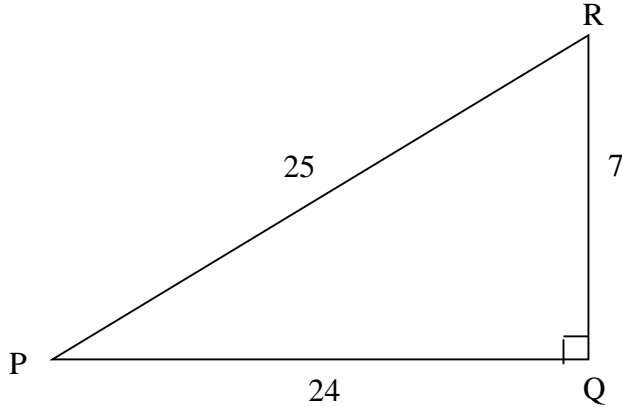


## 1.2: Trigonometry

1. State 6 trigonometric ratios associated with triangle PQR.



2. State the meaning of  $\cos 25^\circ$  and evaluate it using your calculator.

3. Evaluate a)  $\tan 63^\circ =$

b)  $\sin 11^\circ =$

4. Determine the angle given the ratio  $\sin A = \frac{4}{5}$ .

5. Determine angle B to the nearest degree if  $\tan B = \frac{11}{9}$ .

6. Solve for x.

$$\text{a) } \cos 83^\circ = \frac{x}{7}$$

$$\text{b) } \sin 26^\circ = \frac{14}{x}$$