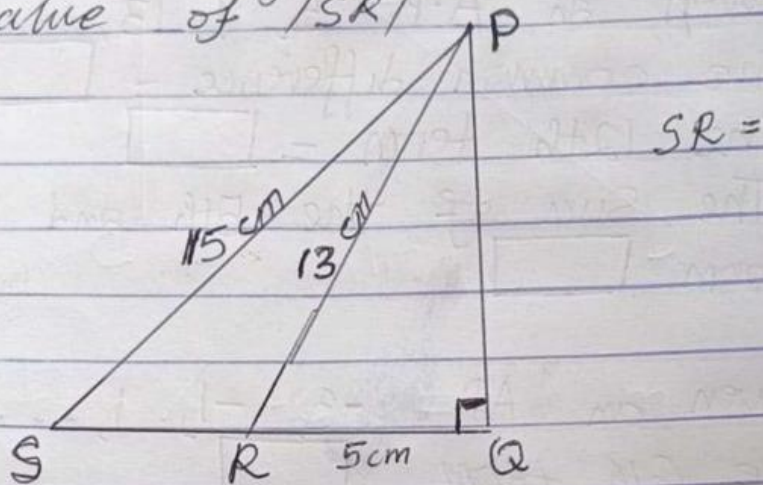


MATHEMATICS – TRIGONOMETRIC RATIO

MATHEMATICS TRIGONOMETRIC

1. In the diagram below, solve for the value of $\angle SRP$

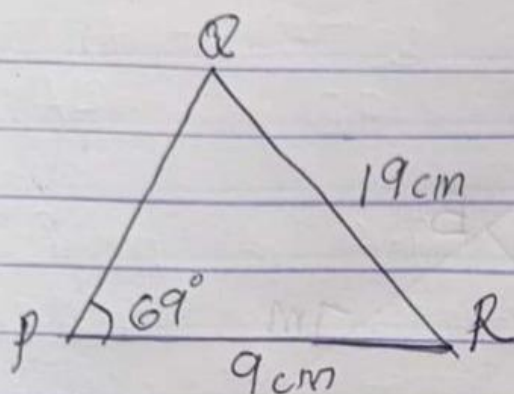


2. In ΔABC , $A = 54^\circ$, $B = 67^\circ$, $a = 13.9\text{ cm}$
Find b and c to 1 d.p

$b =$ cm $c =$ cm

3. In triangle ABC , if $A = 38^\circ$, $B = 27^\circ$,
 $b = 17\text{ m}$, find a and c
- $a =$ m $c =$ m

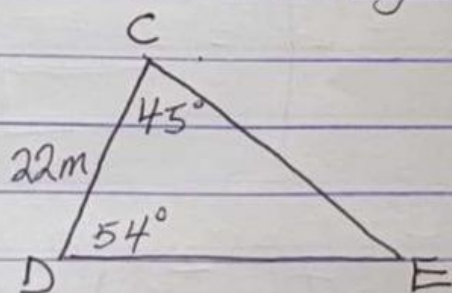
4.



Find $\angle PQR$ and $\overline{PQ}$

$$\angle PQR = \quad^\circ \quad \overline{PQ} = \quad \text{cm}$$

5. In a triangle CDE below. Find



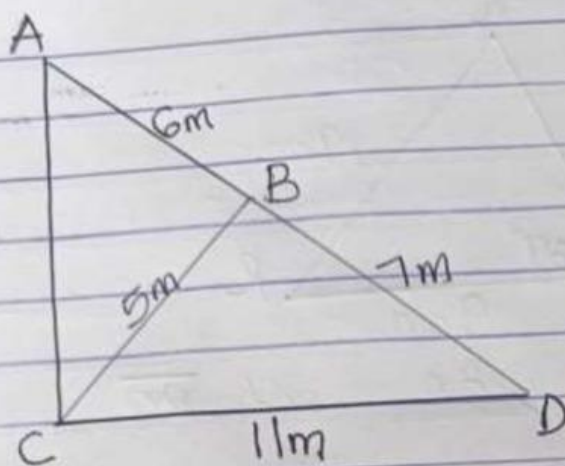
$$\overline{CE} = \quad \text{m}$$

$$\overline{DE} = \quad \text{m}$$

6. In a triangle ABC, $a = 12 \text{ m}$,
 $b = 11 \text{ m}$ $c = 9 \text{ m}$ Find $\hat{A}$, $\hat{B}$ and $\hat{C}$
 correct to 2 d.p.

$$\hat{A} = \quad^\circ \quad \hat{B} = \quad^\circ \quad \hat{C} = \quad^\circ$$

7.



Find $|AC| =$ m 1 d.p