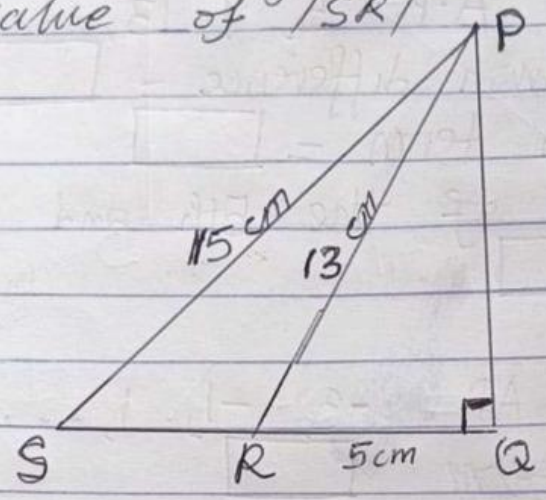
MATHEMATICS – TRIGONOMETRIC RATIO

MATHEMATICS
TRIGONOMETRIC

1. In the diagram below, solve for the value of /SR/



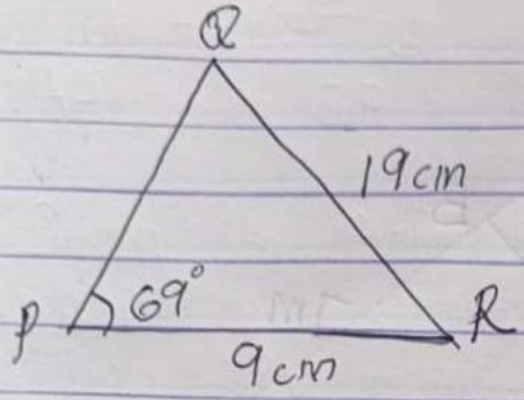
2. In Δ ABC, A = 54°, B = 67°, a = 13·9cm
Find b and c to 1 d.p

b = cm c = cm

3. In triangle ABC, if A = 38°, B = 27°, b = 17m, find a and c

a = m c = m

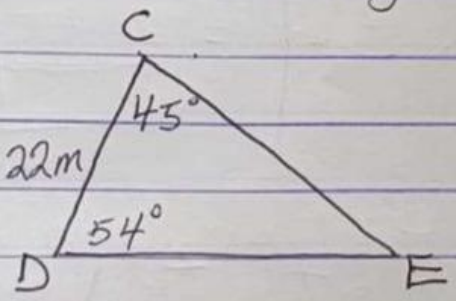
4.



Find $P\hat{Q}R$ and $\overline{PQ}$

$P\hat{Q}R =$ ° $\overline{PQ} =$ cm

5. In a triangle CDE below. Find



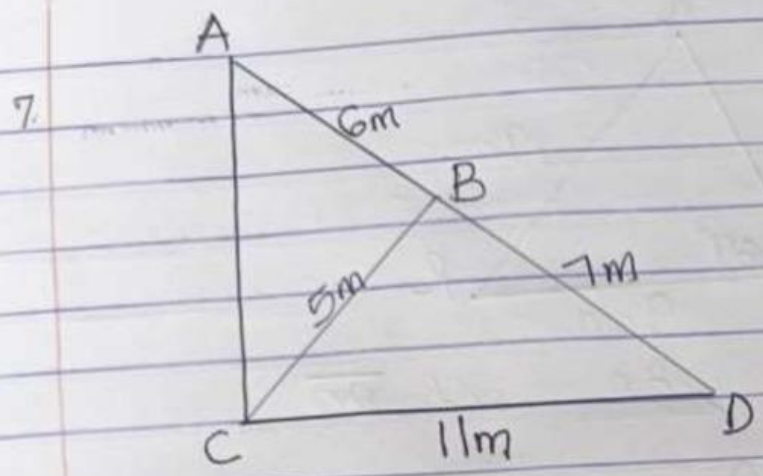
$\overline{CE} =$ m

$\overline{DE} =$ m

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

$\hat{A} =$ ° $\hat{B} =$ ° $\hat{C} =$ °

7.



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