

VII- Mathematics Assignment No-03- Perimeter and Area.

- Q1. Find the area of a parallelogram whose base = 8cm and altitude = 5.6cm
- Q2. In the adjoining figure, ABCD is a parallelogram $DL \perp AB$, $DM \perp BC$. If $AB = 18\text{cm}$, $BC = 12\text{cm}$ and $DM = 6\text{cm}$. Find DL
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- Q3. A field is in the shape of parallelogram with base 260cm and the corresponding height is 130cm. Find the cost of cultivating it at the rate of 75 paisa per acre.
- Q4. Find the side of the parallelogram whose area is 392 square metres and the corresponding altitude is 24.5 metres.
- Q5. The area of a rhombus is 85 m^2 . If its perimeter be 36m. Find its altitude.
- Q6. The longer side of a parallelogram is 54cm and the corresponding altitude is 16cm. If the altitude corresponding to the shorter side is 24cm. Find the length of the shorter side

Contdg 2

Q7. Find the area of triangle whose base is 6cm and corresponding altitude is 5cm.

Q8. The area of a triangular field is 2.5 hectares. If its base is 500 m. Find the corresponding height

Q9. Two sides of a right angled triangle containing right angle are 8.6cm and 17.8 cm. Find its area.

Q10. The base and the corresponding altitude of a triangle are 36cm and 12.5cm. If the area of this triangle be equal to the area of a right triangle whose one of the sides containing the right angle is 25cm. Find the other side

ANSWERS:

(Q1) 44.8 cm ²	(Q6) 36cm
(Q2) 4 cm	(Q7) 15 cm ²
(Q3) 2.53 P	(Q8) 50 m
(Q4) 16 m	(Q9) 33.54 cm ²
(Q5) 10m	(Q10) 18 cm.