

Exercise 7A

Question 24:

Area of triangle ABD =
$$\frac{1}{2} \times \text{base} \times \text{height}$$

= $\frac{1}{2} \times \text{BD} \times \text{AL}$
= $\frac{1}{2} \times 64 \times 16.8$
= 537.6 cm^2
Area of triangle BCD = $\frac{1}{2} \times \text{base} \times \text{height}$
= $\frac{1}{2} \times \text{BD} \times \text{CM}$
= $\frac{1}{2} \times 64 \times 13.2$
= 422.4cm^2
Area of quad. ABCD = Area of $\triangle \text{ABD} + \text{Area of } \triangle \text{BCD}$
= $537.6 + 422.4 = 960 \text{ cm}^2$.

********** END ********