Exercise 7A

Question 24:

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

$$= \frac{1}{2} \times BD \times AL$$

$$= \frac{1}{2} \times 64 \times 16.8$$

$$= 537.6\ cm^2$$

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

$$= \frac{1}{2} \times BD \times CM$$

$$= \frac{1}{2} \times 64 \times 13.2$$

$$= 422.4\ cm^2$$

$$\text{Area of quad. ABCD} = \text{Area of } \Delta ABD + \text{Area of } \Delta BCD$$

$$= 537.6 + 422.4 = 960\ cm^2.$$

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