

9. volume = length \times breadth \times height
length = l cm, breadth = b cm, height = d cm

Volume of the box = V cm³

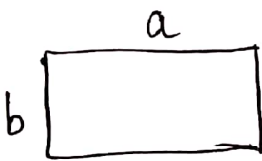
$$V = l \times b \times h$$

$$V = lbh$$

$$l = 20 \text{ cm}, b = 12 \text{ cm}, d = 5 \text{ cm}$$

$$V = 20 \times 12 \times 5 \\ = \underline{\underline{1200 \text{ cm}^3}}$$

10)



$$\text{perimeter} = 2(\text{length} + \text{breadth})$$

$$= 2(l + b)$$

$$l = a \text{ cm}, b = b \text{ cm}, \text{perimeter} = P \text{ cm}$$

$$P = 2(a + b)$$

$$a = 20 \text{ cm}, b = 15 \text{ cm}$$

$$P = 2(20 + 15)$$

$$= 2(35)$$

$$= \underline{\underline{70 \text{ cm}}}$$