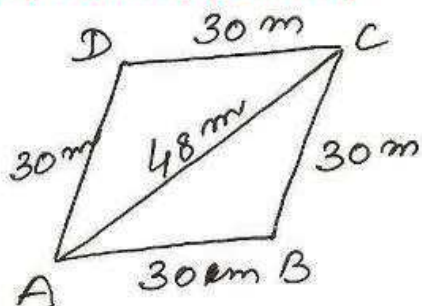


⑤



ΔABC

$$s = \frac{a+b+c}{2}$$

$$= \frac{30+30+48}{2}$$

$$= \frac{108}{2}$$

$$= 54 \text{ m}$$

area of ΔABC

$$= \sqrt{s(s-a)(s-b)(s-c)}$$

$$= \sqrt{54(54-30)(54-30)(54-48)}$$

$$= \sqrt{54 \times 24 \times 24 \times 6}$$

$$= 24 \sqrt{3 \times 3 \times 6 \times 6}$$

$$= 24 \times 3 \times 6$$

$$= 432 \text{ m}^2$$

area of rhombus

$$= 2 \text{ ar}(\Delta ABC)$$

$$= 2 \times 432$$

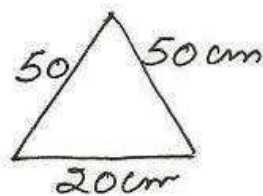
$$= 864 \text{ m}^2$$

area 1 cow can

$$\text{graze} = \frac{864}{18}$$

$$= 48 \text{ m}^2$$

⑥



$$s = \frac{a+b+c}{2}$$

$$= \frac{20+50+50}{2}$$

$$= \frac{120}{2}$$

$$= 60 \text{ cm}$$

area of 1 triangular piece

$$= \sqrt{s(s-a)(s-b)(s-c)}$$

$$= \sqrt{60(60-20)(60-50)(60-50)}$$

$$= \sqrt{60 \times 40 \times 10 \times 10}$$

$$= \sqrt{6 \times 10 \times 4 \times 10}$$

$$= 10 \times 10 \sqrt{2 \times 3 \times 2 \times 2}$$

$$= 100 \sqrt{6} \text{ cm}^2$$