

⑨ cont Perimeter of square = length of wire

$$4 \text{ side} = 4411 \text{ cm}$$

$$\text{area of square} = s^2$$

$$= 11^2$$

$$= 121 \text{ cm}^2$$

$$\text{increases more area by} = 154 - 121 = 33 \text{ cm}^2$$

⑩ area of remaining portion

= area of bigger \odot - (area of 2 smaller \odot s + area of rect.)

$$= \pi R^2 - (2 \times \pi r^2 + lb)$$

$$= \frac{22}{7} \times 14 \times 14 - (2 \times \frac{22}{7} \times 3.5 \times 3.5 + 3 \times 1)$$

$$= 616 - (77 + 3)$$

$$= 616 - 80$$

$$= 536 \text{ cm}^2$$

