

- 64.** Four horses are tethered with equal ropes at 4 corners of a square field of side 70 metres so that they just can reach one another. Find the area left ungrazed by the horses.
- 65.** The walls and ceiling of a room are to be plastered. The length, breadth and height of the room are 4.5 m, 3 m, and 350 cm respectively. Find the cost of plastering at the rate of Rs 8 per  $\text{m}^2$ .

**2.** Factorise the following expressions.

(i)  $7x - 42$

(ii)  $6p - 12q$

(iii)  $7a^2 + 14a$

$$(\star) \quad ax^2y + by^2 + cxyz$$

□. •

$$(iv) \quad 15 \, pq + 15 + 9q + 25p$$

**9.** Product of the following monomials  $4p$ ,  $-7q^3$ ,  $-7pq$  is

- (a)  $196 p^2 q^4$       (b)  $196 pq^4$       (c)  $-196 p^2 q^4$       (d)  $196 p^2 q^3$

**10.** Area of a rectangle with length  $4ab$  and breadth  $6b^2$  is

- (a)  $24a^2b^2$       (b)  $24ab^3$       (c)  $24ab^2$       (d)  $24ab$