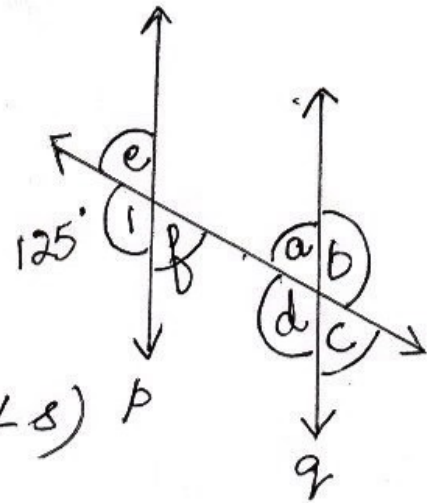


③

$$p \parallel q$$

$$\angle 1 = \angle d = 125^\circ$$

(corresponding \angle s)



$$d = b = 125^\circ \text{ (vert. opp. } \angle\text{s)}$$

$$\angle 1 + e = 180^\circ \text{ (linear pair)}$$

$$125 + e = 180^\circ$$

$$\Rightarrow e = 180 - 125$$

$$= 55^\circ$$

$$a = e = 55^\circ \text{ (corresponding } \angle\text{s)}$$

$$c = a = 55^\circ \text{ (vert. opp. } \angle\text{s)}$$

$$f = e = 55^\circ \text{ (do)}$$

$$\therefore a = c = f = e = 55^\circ$$

$$d = b = 125^\circ$$