

CHAPTER-8 | Playing with Construction

QUIZ
PART-04

1. What is the length of line PQ?

- A. 8 cm
- B. 8.5 cm
- C. 4.5 cm
- D. 9 cm (B)

Explanation: Step (i) clearly says to draw line PQ = 8.5 cm.

2. Point A is taken on PQ such that PA =

- A. 2 cm
- B. 4 cm
- C. 4.5 cm
- D. 8.5 cm (B)

Explanation: The chapter states that PA = 4 cm.

3. Point B is taken on PQ such that PB =

- A. 2 cm
- B. 4 cm
- C. 4.5 cm
- D. 5 cm (C)

Explanation: Step (i) gives PB = 4.5 cm.

4. What is the distance between A and B?

- A. 0.5 cm
- B. 1 cm
- C. 2 cm
- D. 4 cm (A)

Explanation: Since PB = 4.5 cm and PA = 4 cm, AB = 4.5 - 4 = 0.5 cm.

5. Point C is marked on PQ such that PC =

- A. 1 cm
- B. 2 cm
- C. 3 cm
- D. 4 cm (B)

Explanation: Step (ii) says PC = 2 cm.

6. Point D is marked on PQ such that DQ =

- A. 1 cm
- B. 2 cm
- C. 3 cm
- D. 4 cm (B)

Explanation: The chapter says DQ = 2 cm.

7. At which points are perpendiculars drawn?

- A. A and B
- B. P and Q
- C. C and D
- D. E and F (C)

Explanation: Step (iii) says to draw perpendiculars at points C and D.

8. Which lengths are all equal to 1 cm?

- A. PA, PB, PC, DQ
- B. EC, FC, GD, HD
- C. AC, BD, CQ, DP
- D. PE, PF, PG, PH (B)

Explanation: Step (iv) states EC = FC = GD = HD = 1 cm.

9. With E as centre and radius equal to PE, what is drawn first?

- A. A circle at C
- B. An arc from P to A
- C. A perpendicular at A
- D. A line from C to D (B)

Explanation: Step (v) says to draw an arc from P to A with E as centre and radius PE.

10. What is done in the last step to complete the eyes?

- A. Draw larger circles at C and D
- B. Erase points C and D
- C. Draw a rectangle around the eyes
- D. Join C and D (A)

Explanation: Step (vii) says to draw circles at C and D to complete the eyes.