

Pt. Yad Ram Sec. Public School
Bhajanpura Delhi-110053
Worksheet (2026-2027)
Class- 6th
Subject - Mathematics
Chapter 6 Playing with Constructions

Q1. Multiple Choice Questions

1. What tool is used to draw a perfect circle?

- a) Ruler ☐ b) Protractor ☐
c) Compass ☐ d) Set square ☐

2. A Square has how many equal sides?

- a) 2 ☐ b) 3 ☐
c) 4 ☐ d) None ☐

3. If you want to draw a rectangle, which of the following is true?

- a) All sides are equal ☐
b) Opposite sides are equal and all angles are right angles ☐
c) All angles are acute ☐
d) Opposite sides are equal and all angles are acute ☐

4. To construct a line segment of length 5 cm, you need:

- a) A ruler or a compass ☐
b) Protractor only ☐
c) Set square only ☐
d) None of these ☐

Q2. Draw a line segment of length 4.6 cm.

Q3. Draw a circle of radius 3.2 cm.

Q4. Draw a circle of diameter 6.8 cm.

Q5. Construct a square whose each side is 5 cm long.

Q6. Construct a rectangle whose adjacent sides are 6 cm and 4 cm long.

Q7. Construct a rectangle whose one side is 8 cm long and one diagonal is 10 cm long.

Q8. Construct a square whose diagonal is 6 cm long.

Q9. Construct a square with a hole inside it.

Q10. Construct a square with curves inside it.