

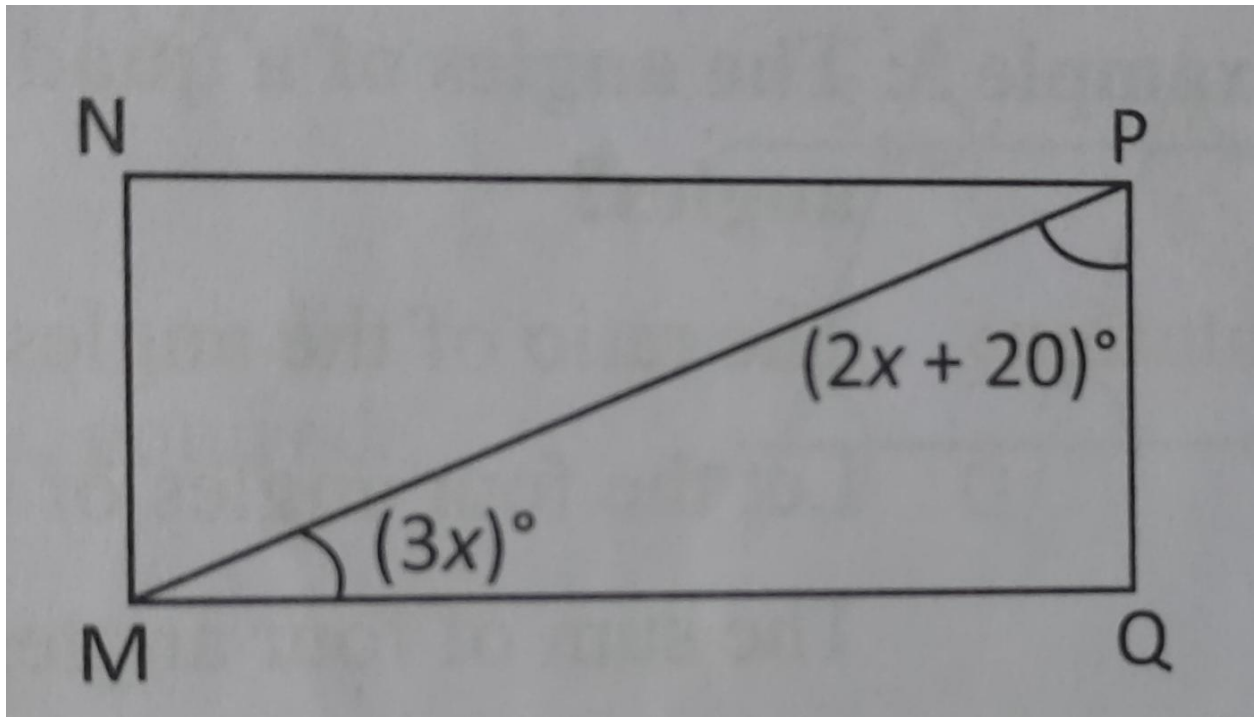
Pt. YadRam Sec Public School
Bhajanpura Delhi- 110053
Worksheet 2026-2027
Class -8th Maths
Chapter-4 Quadrilateral

Q1. Define a quadrilateral. Name its four sides and four angles.

Q2.State the property of the opposite angles of a parallelogram.

Q3. The angles of a quadrilateral are $5x^\circ$, $(2x+20)^\circ$, $(3x+10)^\circ$ and 70° . Find the value of x and all the angles of the quadrilateral.

Q4. Find the angles inside the following rectangle.

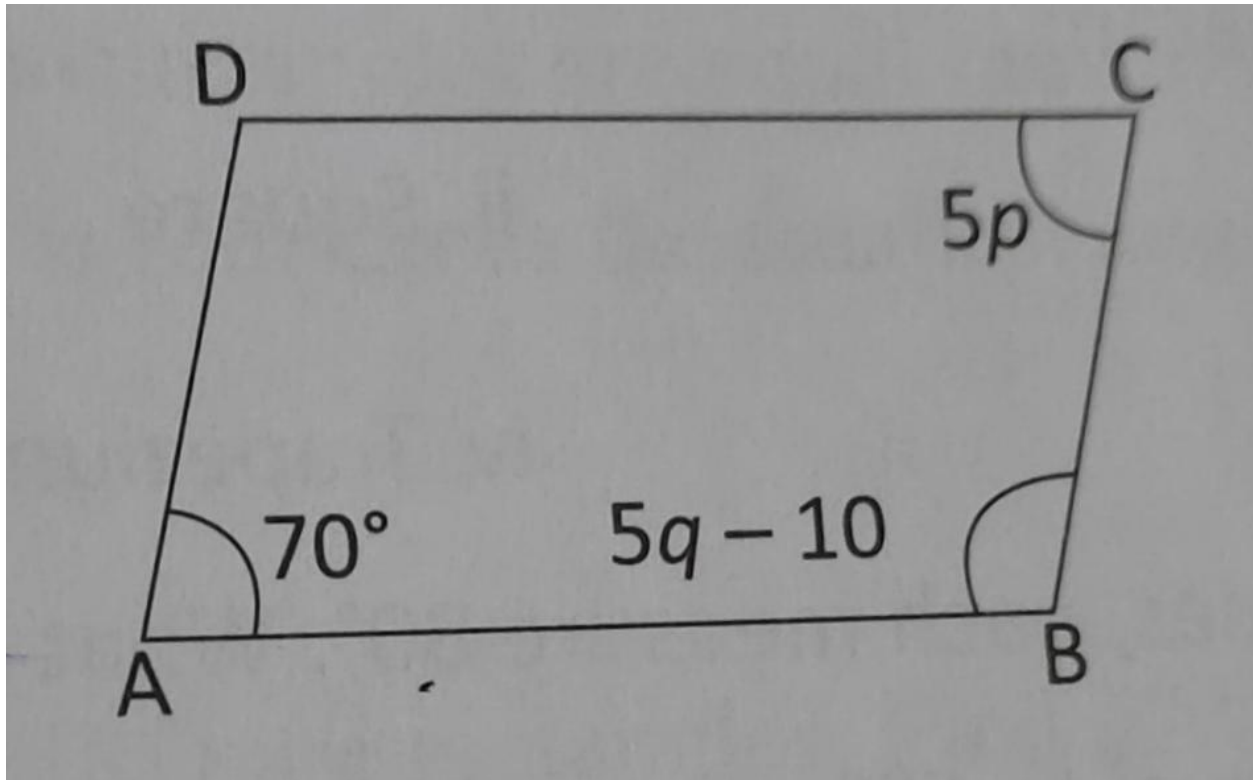


Q5. In parallelogram ABCD, if $\angle A = 70^\circ$, find $\angle B$, $\angle C$ and $\angle D$.

Q6. Construct a kite whose diagonals are of lengths 8 cm and 12 cm.

Q7. Construct a square with diagonal 4 cm without using a protector.

Q8. Find the value of all the angles in the given parallelogram.



Q9. The angles of a quadrilateral are in the ratio 3 : 4 : 5 : 6. Find the measure of each angle.

Q10. In parallelogram ABCD, the diagonals intersect at O. If $AO = 7$ cm and $BO = 5$ cm, find AC and BD.