

SESSION: 2024-25  
WORKSHEET

CHAPTER:16  
SUBJECTS: MATHS

CLASS: - VIII  
NAME

Q.1 Two adjacent angles of a parallelogram are  $(2x + 25)^\circ$  and  $(3x - 5)^\circ$ . Find the value of  $x$ .

Q.2 ABCD is parallelogram in which  $\angle A = 110^\circ$ . Find the measure of each of the angles  $\angle B$ ,  $\angle C$  and  $\angle D$ .

Q.3 Two adjacent angles of a parallelogram are in the ratio 4 : 5. Find the measure of each of its angles.

Q.4 The perimeter of a parallelogram is 140 cm. If one of the sides is longer than the other by 10cm, find the length of each of its sides.

Q.5 The lengths of the diagonals of a rhombus are 16 cm and 12 cm respectively. Find the length of each of its sides.

Q.6 ABCD is parallelogram in which  $\angle A = 120^\circ$ . Find the measure of each of the angles  $\angle B$ ,  $\angle C$  and  $\angle D$ .

Q.7 Two adjacent angles of a parallelogram are in the ratio 11 : 7 . Find the measure of each of its angles.

Q.8 ABCD is parallelogram in which  $\angle A = 100^\circ$ . Find the measure of each of the angles  $\angle B$ ,  $\angle C$  and  $\angle D$ .

Q.9 Find the value of  $x^\circ$

