<u>Understanding Quadrilaterals: Worksheet -4</u>

1. How many diagonals does a convex quadrilateral has ?   [   ]

   (i)one   (ii)two   (iii)three   (iv) four

2. What is the sum of all interior angles of a pentagon ?   [   ]

   (i) 180^0 (ii)360^0 (iii)540^0 (iv) 720^0

3. How many sides a regular polygon has whose each exterior angle is

   45^0?   [   ]

   (i) Eight   (ii) Seven   (iii) Six   (iv) Five

4. What is the minimum interior angle possible for a regular polygon?

                                             [   ]

   (i) 60^0 (ii)80^0 (iii) 120^0 (iv)160^0

5. What is the maximum exterior angle possible for a regular polygon?

                                             [   ]

   (i) 60^0 (ii) 80^0 (iii) 120^0 (iv)160^0

6. What is the perimeter of the parallelogram whose two adjacent sides

   are 12cm & 7cm?   [   ]

   (i) 28cm   (ii) 38cm   (iii) 84cm   (iv)168cm

7. What is the area of the rectangle whose perimeter is 16 cm & length 5

   cm ?   [   ]

   (i) $3.2cm^2$ (ii) $80cm^2$ (iii) $15cm^2$ (iv)$16cm^2$

8. If the two adjacent angles of a parallelogram are equal then each of its

   angle is ?   [   ]

   (i) 70^0 (ii) 80^0 (iii) 90^0 (iv)100^0

9. If the two diagonals of a rhombus are 8cm & 6cm, its area is ?

                                             [   ]

   (i) $28cm^2$ (ii) $48cm^2$ (iii) $14cm^2$ (iv) $24cm^2$