Area and Perimeter: Worksheet -4

1. In a square the diagonals are_____

2. If the ratio of the areas of two squares is 9 : 1 then the ratio of their perimeters is_____

3. The opposite angles of a parallelogram is _____

4. If sum of non-parallel sides of a parallelogram is 24 cms. then its perimeter is_____

5. In a square ABCD, AC is the diagonal then $\angle BAC =$ _____

6. If diagonals of a rhombus are 10 cm. and 24 cm., then the area of that rhombus is _____sq.cm.

7. In a square ABCD, the diagonals AC and BD intersect at "O" the $\angle AOB =$ _____

8. In a quadrilateral ABCD, if $\angle A + \angle C = 200^0$ then $\angle B + \angle D =$ _____

9. The length of each side of a square is $\frac{3x}{4} + 1$; what is the perimeter of the square?   [   ]

   a] $x + 1$ b] $3x + 1$ c] $3x + 4$ d] $\frac{9x^2}{16} + \frac{3}{2}x + 1$