

## Accumulative test

8

till lesson 8 – unit 3

## 1 Choose the correct answer from those given :

1 The image of the point  $(4, 3)$  by the transformation  $(x, y) \rightarrow (-x, y - 1)$  is .....  
 (a)  $(4, 2)$  (b)  $(-4, 2)$  (c)  $(-4, -4)$  (d)  $(-4, -2)$

2 The image of the point  $(4, 6)$  by the transformation  $(x, y) \rightarrow (-x, y - 7)$  is .....  
 (a)  $(-4, -1)$  (b)  $(4, 6)$  (c)  $(4, -6)$  (d)  $(-4, 1)$

3 The length of the line segment joining the midpoints of two sides of a triangle equals ..... the length of the third side.  
 (a)  $\frac{1}{5}$  (b)  $\frac{1}{4}$  (c)  $\frac{1}{3}$  (d)  $\frac{1}{2}$

4 If the two diagonals in a rectangle are perpendicular, then it will be .....  
 (a) rhombus. (b) trapezium. (c) square. (d) rectangle.

## 2 Complete each of the following :

1 If the measures of two angles in a triangle are  $30^\circ$  and  $40^\circ$ , then the triangle is ..... -angled.

2 If two straight lines intersect, then the measures of each two vertically opposite angles .....

3 If the measure of an interior angle of a regular polygon is  $135^\circ$ , then the number of its sides is ..... sides.

4 If  $ABCD$  is a rhombus in which  $m(\angle ABD) = 35^\circ$ , then  $m(\angle A)$  =

 **LIVE WORKSHEETS**