

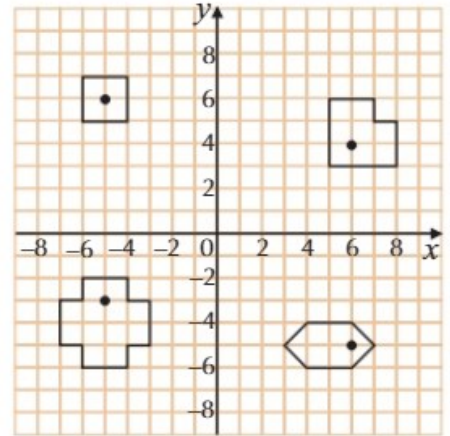
Name - _____

Start time - __ : __

End time - __ : __

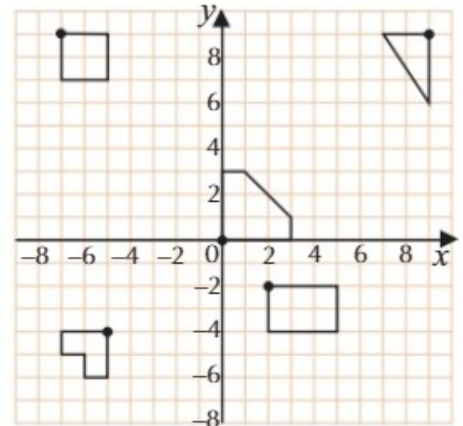
Solve the following

- The triangle PQR has corners at P(1, 1), Q(1, 4) and R(4, 2).
 - Draw PQR on a pair of axes with x- and y-values from -1 to 9.
 - Enlarge PQR by scale factor 2 with centre of enlargement (-1, 1).



- Copy the diagram below, then enlarge each shape by scale factor 2, using the centre of enlargement marked inside the shape.

- Copy the diagram below, then enlarge each shape by scale factor 2, using the centre of enlargement marked on the shape's vertex.



- The shape WXYZ has corners at W(0, 0), X(1, 3), Y(3, 3) and Z(4, 0).
 - Draw WXYZ on a pair of axes with x-values from -5 to 9 and y-values from -5 to 6.
 - Enlarge WXYZ by scale factor 3 with centre of enlargement (2, 2).
- The shape KLMN has corners at K(3, 4), L(3, 6), M(5, 6) and N(5, 5).
 - Draw KLMN on a pair of axes with x-values from 0 to 10 and y-values from 0 to 7.
 - Enlarge KLMN by scale factor 3 with centre of enlargement (3, 6). Label the shape K_1, L_1, M_1, N_1 .
 - Enlarge KLMN by scale factor 2 with centre of enlargement (5, 6). Label the shape K_2, L_2, M_2, N_2 .

1

2

3

4

5

6

7

8

9