



## Reflection

### BJC Review Questions

Answer the questions below

1. Plot and label the following points

$$A = (2,1), \quad B = (4,1), \quad C = (4,3) \quad \text{and} \quad D = (2,4)$$

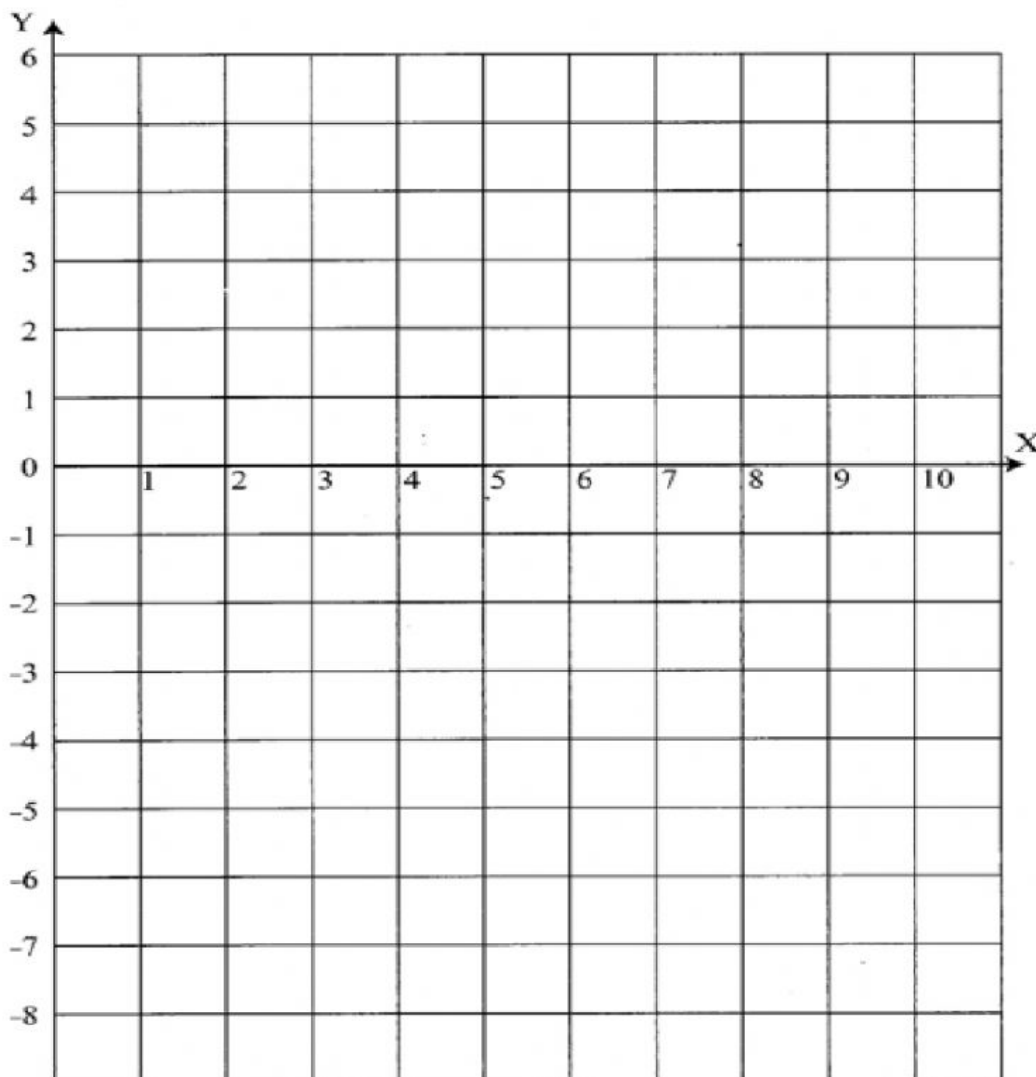
2. Reflect ABCD in the x-axis label the image  $A_1B_1C_1D_1$

$A_1$

$B_1$

$C_1$

$D_1$



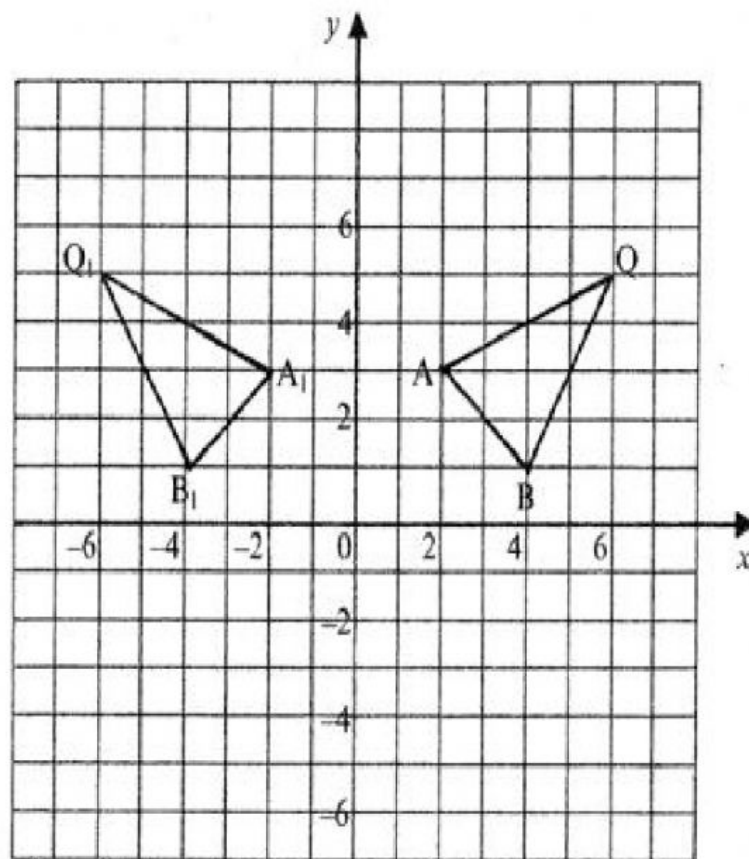
3. Write down the coordinates of the following:

(i)  $D_1 =$

(ii)  $A_1 =$



2. Study the graph below and answer the questions which follows.



1. In what line/axis was triangle ABQ is reflected to give the image  $A_1B_1Q_1$  ?

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2. Reflect  $A_1B_1Q_1$  in the  $x$  - axis. Label the image  $A_2B_2Q_2$ .

$A_2$

$B^2$

$Q^2$

3. Write the coordinates of  $Q_2$  .



