

(c) Use a graph sheet for this question.

Take 1 cm = 1 unit along both  $x$  and  $y$  axis.

(i) Plot the following points:

$A(0,5)$ ,  $B(3,0)$ ,  $C(1,0)$  and  $D(1,-5)$

(ii) Reflect the points  $B$ ,  $C$  and  $D$  on the  $y$  axis and name them as  $B'$ ,  $C'$  and  $D'$  respectively.

(iii) Write down the coordinates of  $B'$ ,  $C'$  and  $D'$ .

(iv) Join the points  $A$ ,  $B$ ,  $C$ ,  $D$ ,  $D'$ ,  $C'$ ,  $B'$ ,  $A$  in order and give a name to the closed figure  $ABCDD'C'B'$ .