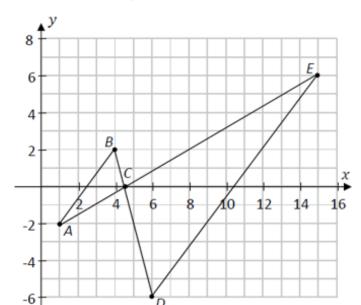
The diagram below shows the triangles CBA and CDE.

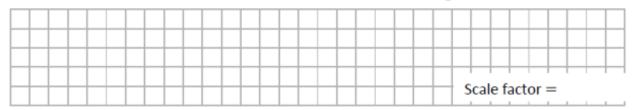
(a) The coordinates of C are (4.5, 0). From the diagram, write down the coordinates of the points A, B, D, and E.



$$E = ($$



(iii) The triangle CDE is an enlargement of the triangle CBA. Given that |DE| = 15 units, find the scale factor of the enlargement.



(iv) Use this scale factor to find the area of the triangle CDE.

