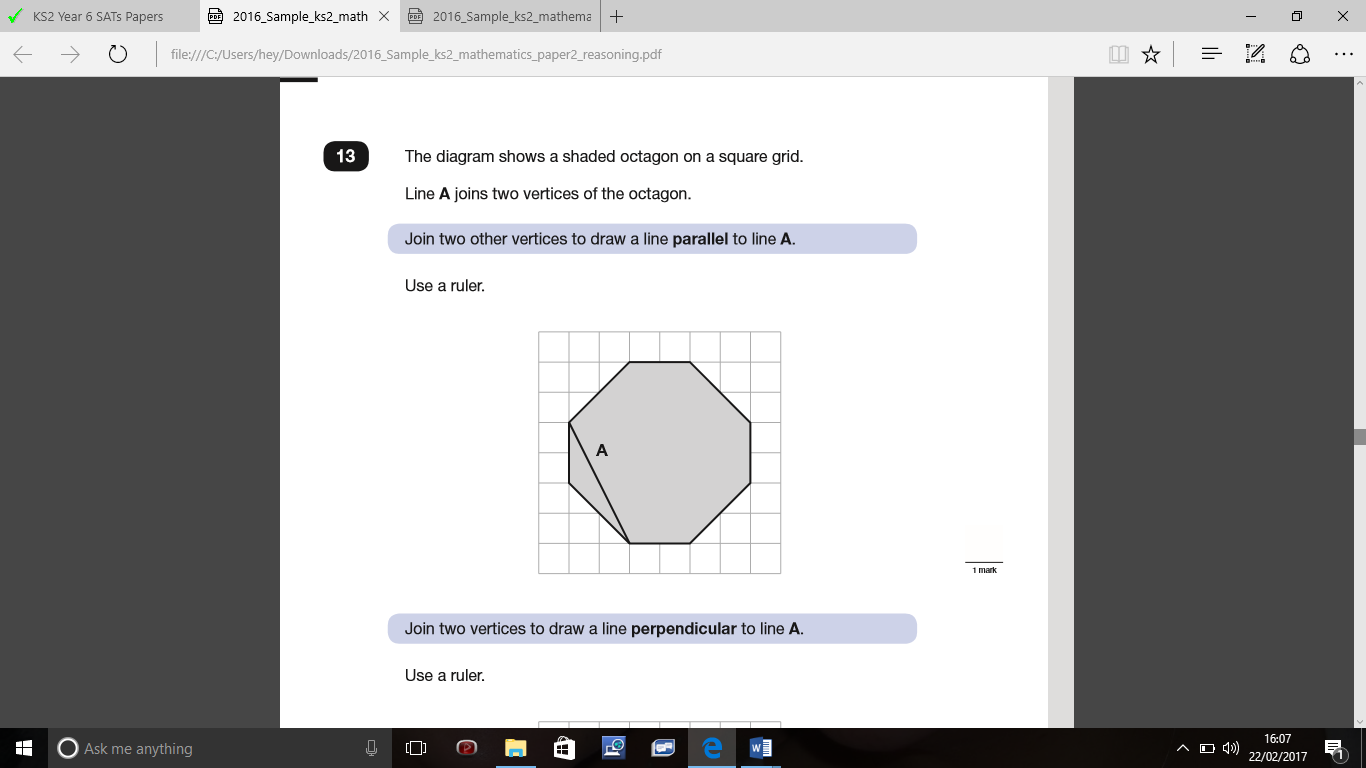
Shape, Area and Perimeter

The diagram shows a shaded octagon on a square grid.

Line A joins two vertices of the octagon.

Join two other vertices to draw a line parallel to line A.

 Use a ruler.

Join two vertices to draw a line perpendicular to line A.

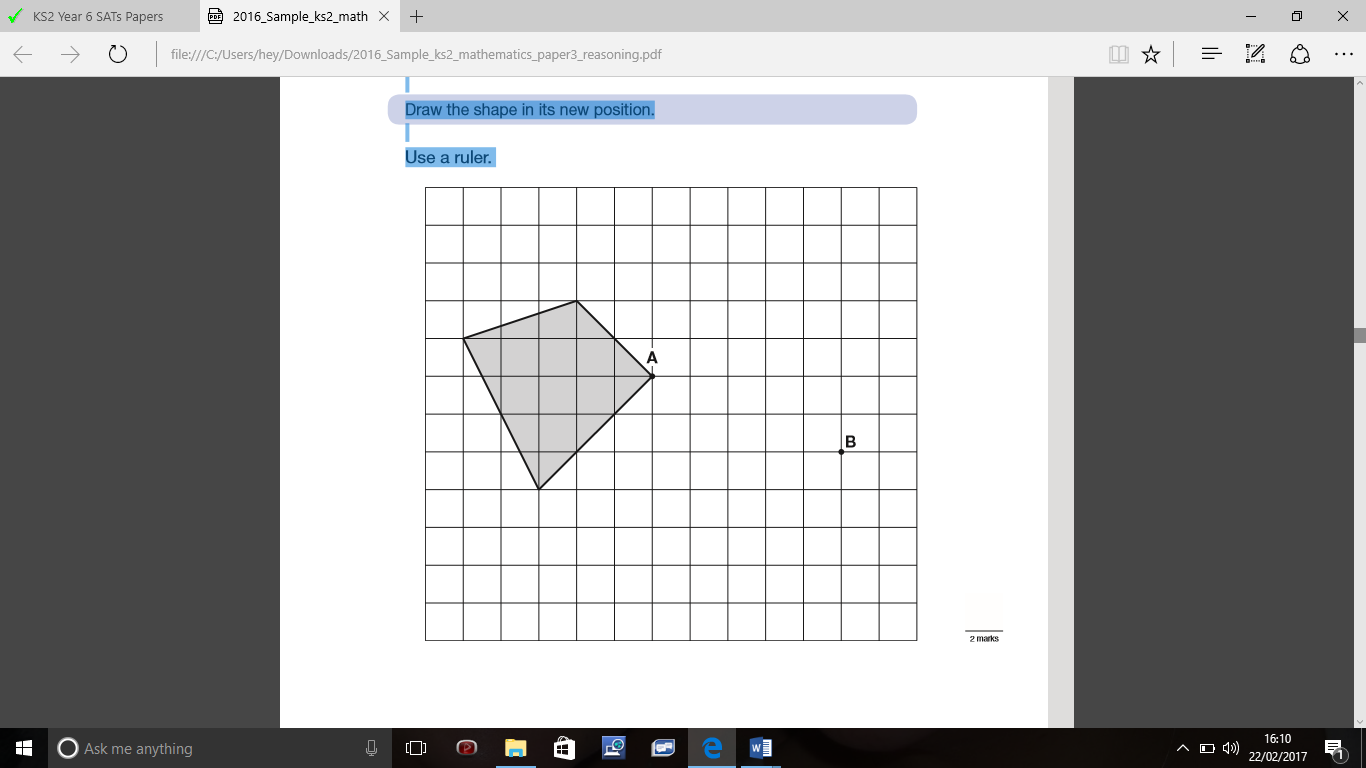
2.

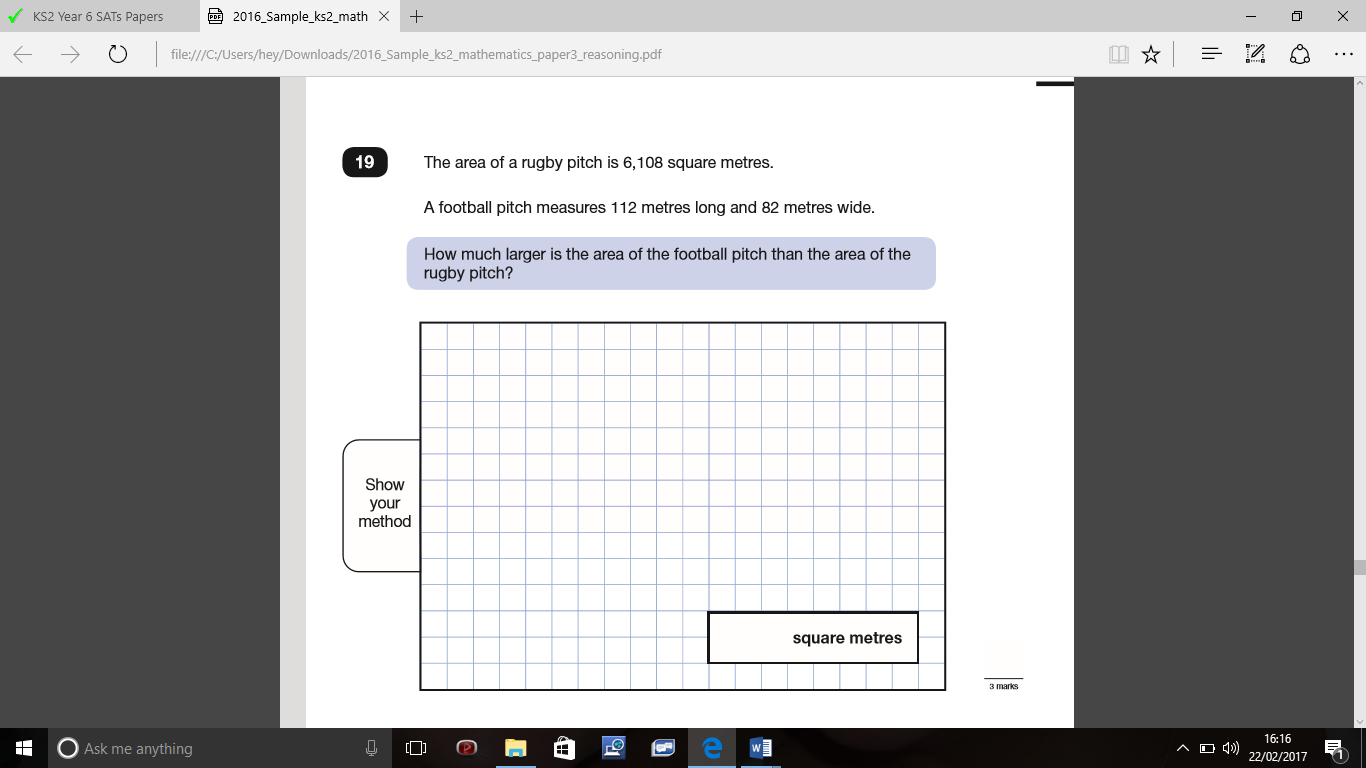
Here is a shaded shape on a grid.

The shape is translated so that point A moves to point B.

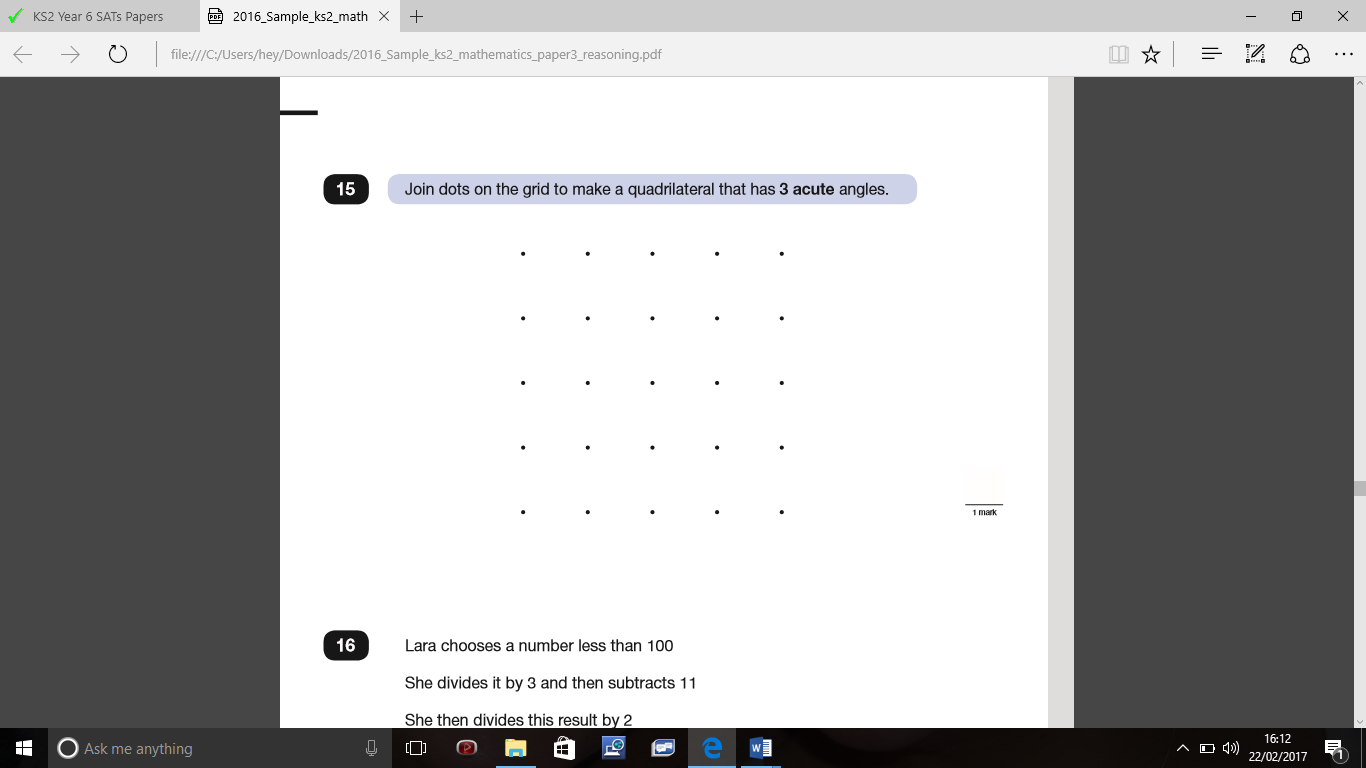
Draw the shape in its new position.

Use a ruler.

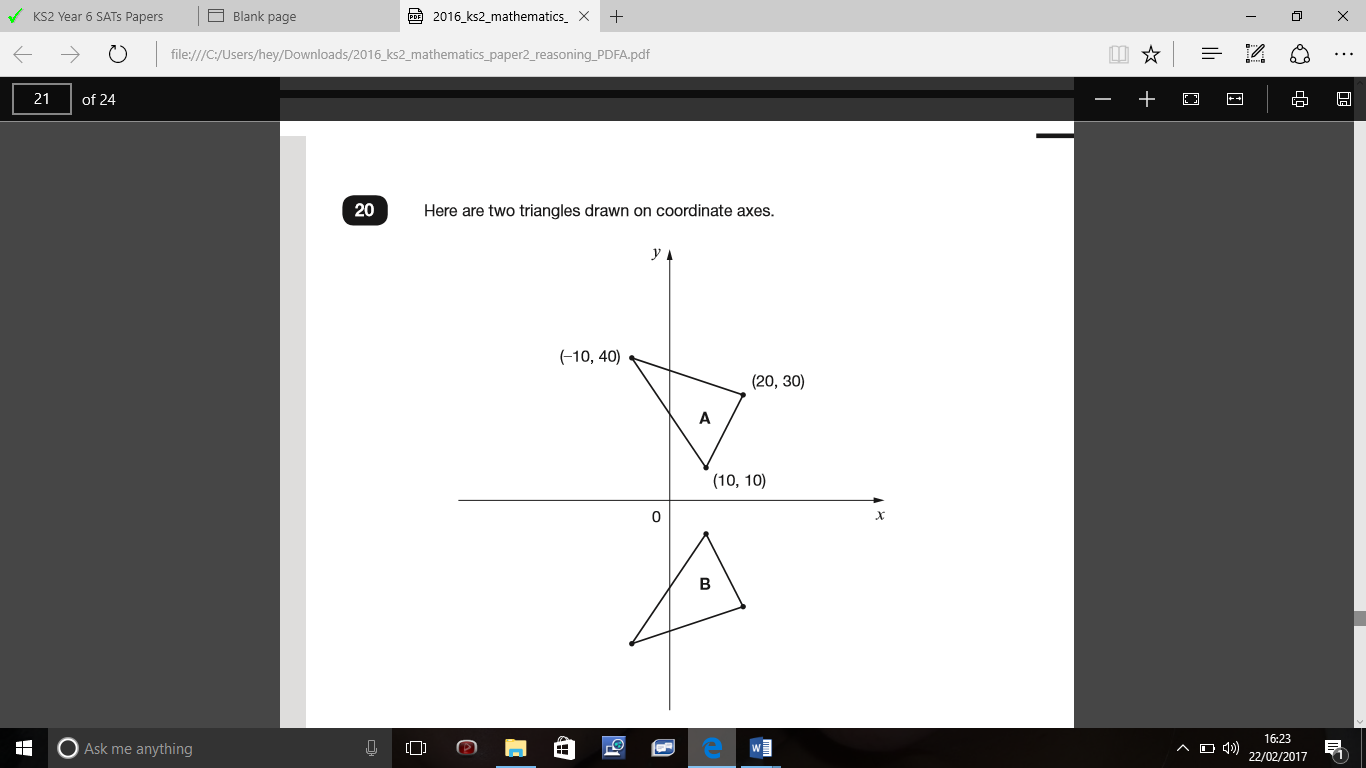




3.

4.

5.

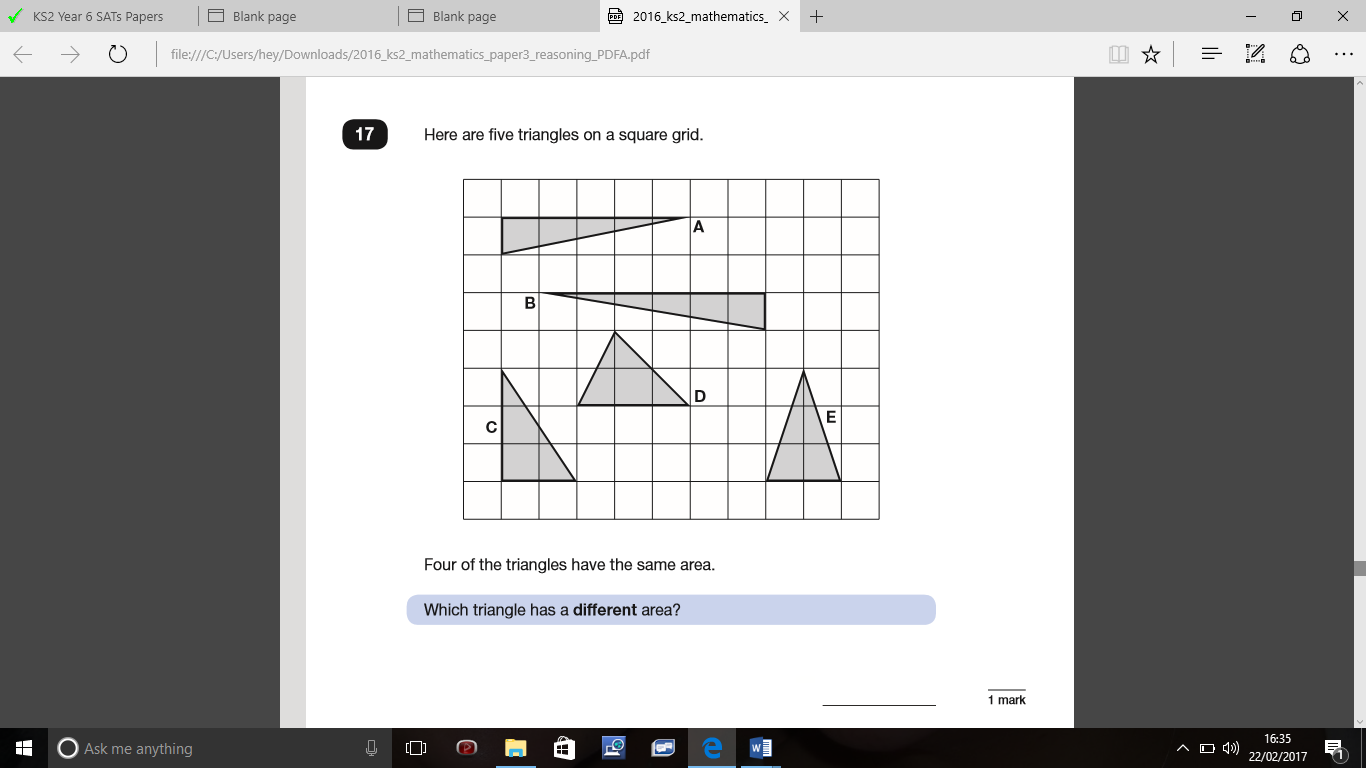


Triangle B is a reflection of triangle A in the x-axis.

Two of the new vertices of triangle B are (10, –10) and (20, –30).

What are the coordinates of the third vertex of triangle B?

( , )

6.