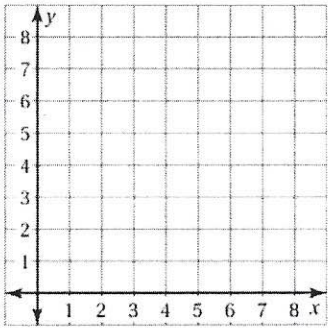
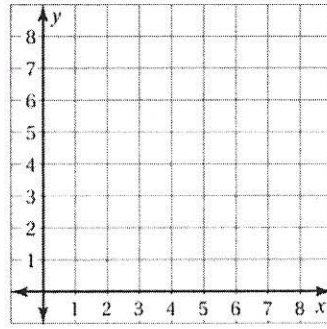


Draw a polygon with the given conditions in a coordinate plane.

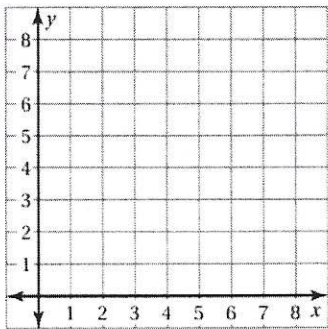
7. a rectangle with a perimeter of 20 units



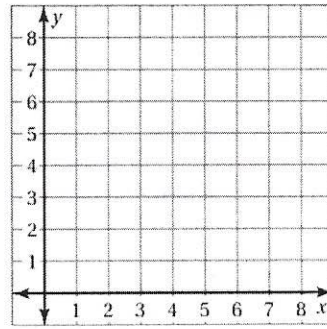
8. a square with a perimeter of 16 units



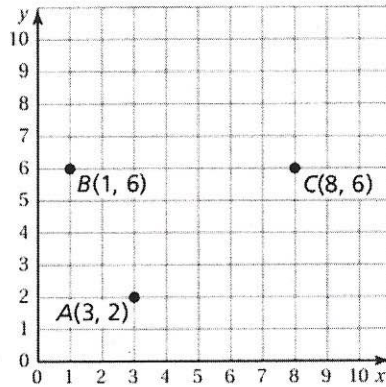
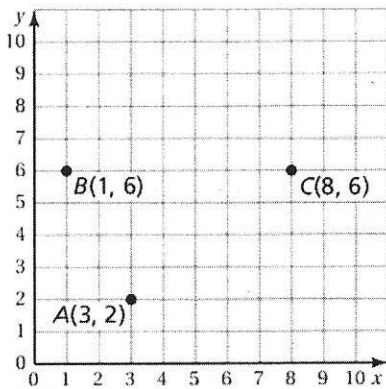
9. a parallelogram with an area of 25  $units^2$



10. a triangle with an area of 6  $units^2$



11. The coordinate plane shows three vertices of a parallelogram. Find **two** possible points that could represent the fourth vertex.



13. You use a coordinate plane to plot the two bus routes that you can take from your house to your school.

- You plot your house at  $A(2, 2)$  and the school at  $C(14, 9)$ .
- The first route includes one bus stop at  $B(2, 9)$ .
- The second route includes 3 bus stops at  $D(11, 2)$ ,  $E(11, 6)$ , and  $F(14, 6)$ .

Which route has the shorter distance? Explain.

