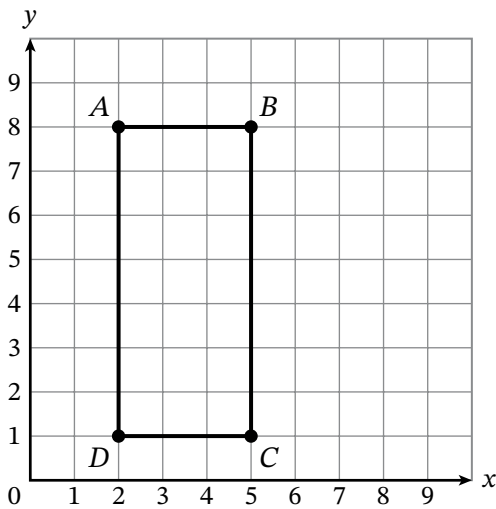




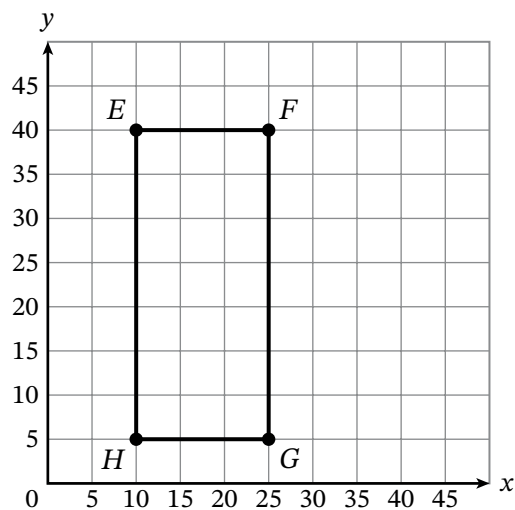
Name _____

Date _____

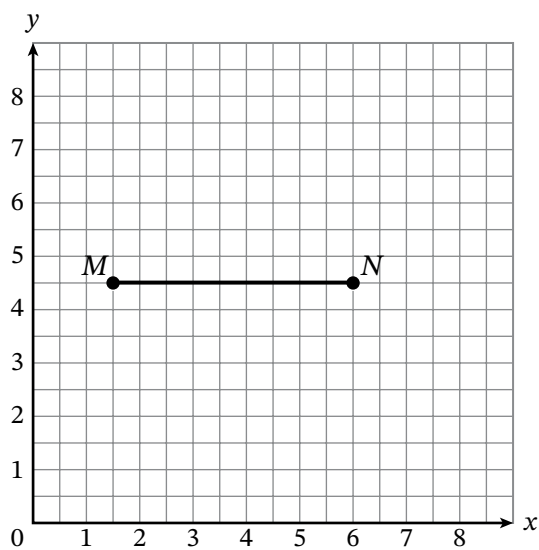
1. Determine the perimeter of rectangle $ABCD$.



2. Determine the perimeter of rectangle $EFGH$.



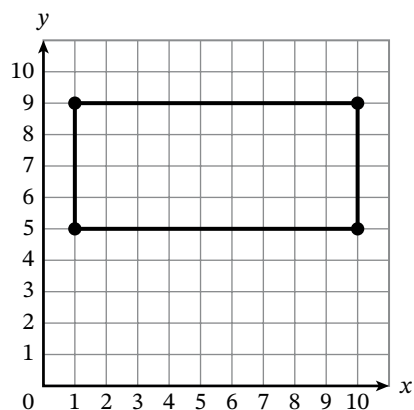
3. The graph shows one side of rectangle $MNPQ$.



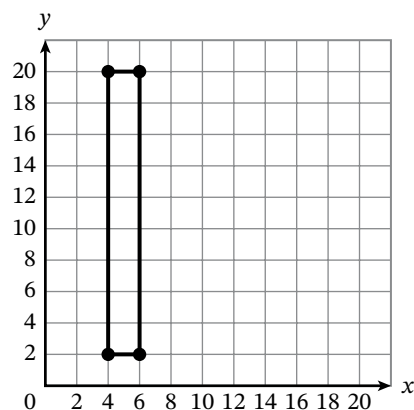
- a. Rectangle $MNPQ$ has a perimeter of 16 units. Plot points P and Q .
- b. What are the ordered pairs for points P and Q ?

4. Circle every rectangle that has an area of 36 square units.

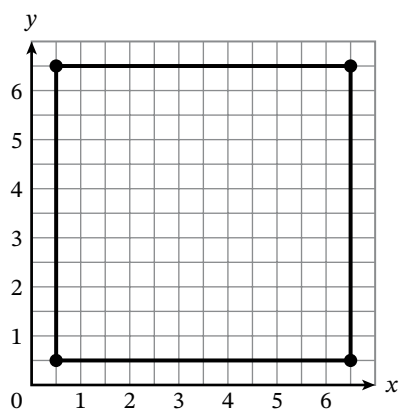
A.



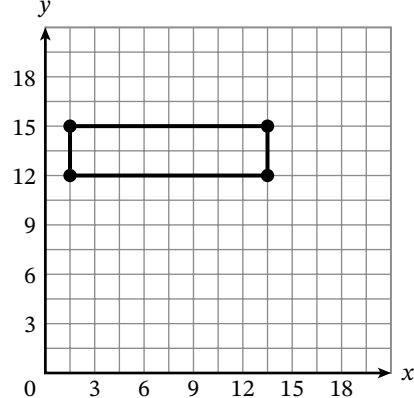
B.



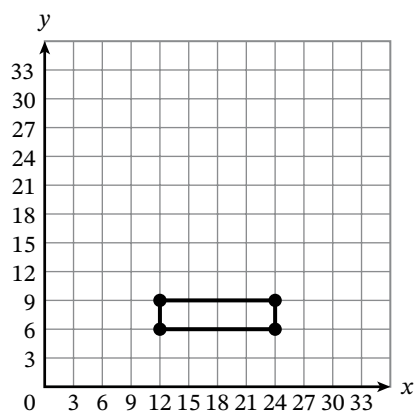
C.



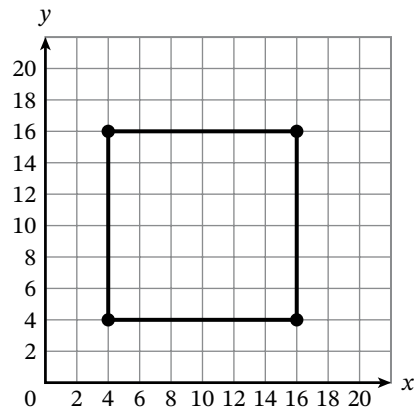
D.



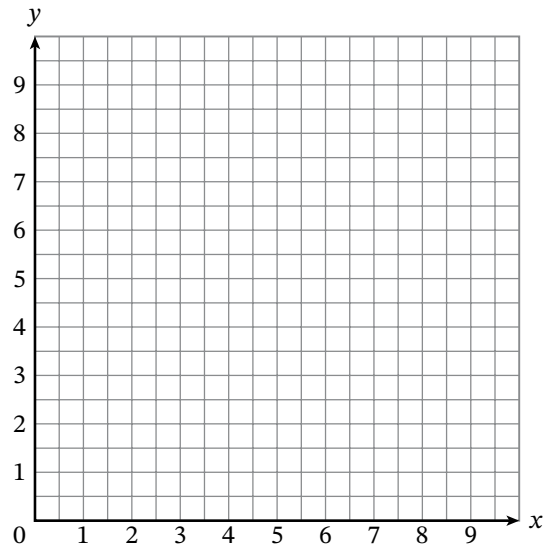
E.



F.



5. Use the coordinate plane to answer parts (a)–(e).



- Plot and label the points $S\left(\frac{1}{2}, 3\right)$ and $U\left(7, 8\frac{1}{2}\right)$.
- Points S and U are two vertices of a rectangle. Locate, plot, and label the other two vertices of the rectangle, points T and V . What are the coordinates of points T and V ?
- What are the length and width of rectangle $STUV$?
- What is the perimeter of rectangle $STUV$?

- e. What is the area of rectangle $STUV$?