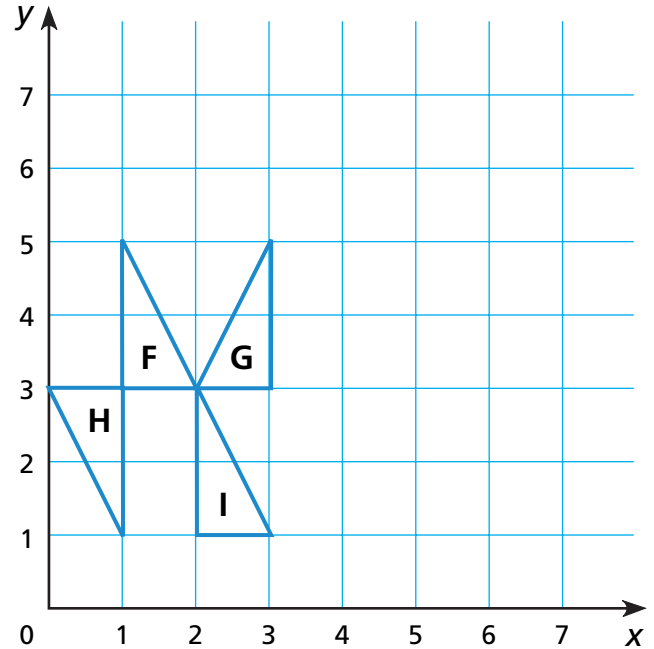


For 1–4, list the vertices of each figure. *Lessons 2–5*

1 F	2 G	3 H	4 I
(1,3)			



- Which figure is a translation of Figure F? _____
- Which figure is a reflection of Figure F? _____
- Which figure is a rotation of Figure F? _____
- Translate Figure G two spaces to the right and one space up, draw the result, and label it Q.
- Reflect Figure I over a vertical line that goes through point (3,0). Draw the result and label it R.

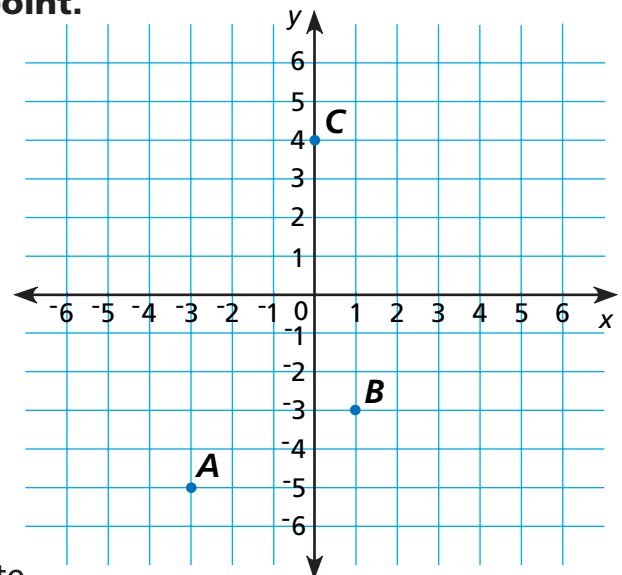
For 10–16, use the grid. *Lessons 1–7*

Write the coordinates for each labeled point.

- Point A _____
- Point B _____
- Point C _____

Plot each point on the grid.

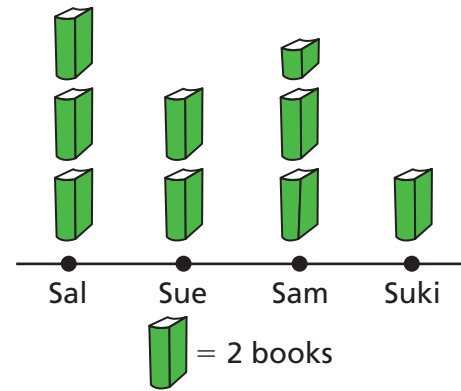
- Find (3, -2) and label it D.
- Find (-2, 4) and label it E.
- Find (-4, 0) and label it F.
- Find four points where the horizontal coordinate is double the vertical coordinate. Label each of these points with its coordinate pair.



For 17–20, use the graph.

- 17 How many books were read? _____
- 18 How many books did Sam read? _____
- 19 What is the range of books read? _____
- 20 What is the median number of books read? _____

BOOKS READ IN A MONTH



The table shows Morgan's spelling scores for 8 weeks.

MORGAN'S SPELLING SCORES

Week	1	2	3	4	5	6	7	8
Score	83	72	96	72	72	91	95	83

- 21 Make a frequency graph of her scores.

Find these data measures.

- 22 range: _____ 24 median: _____
- 23 mode: _____ 25 mean: _____

Solve the problem. *Lesson 12*

- 26 Beth made a design to use as a border around the ceiling of her bedroom. To make the design she started with the figure on the grid. She reflected the figure over the vertical dotted line.

- A** Draw the new figure on the grid.
- B** Which vertex on the new figure corresponds to the vertex at (1,1) on the original figure?

