

Name _____ Date _____



Skills Maintenance

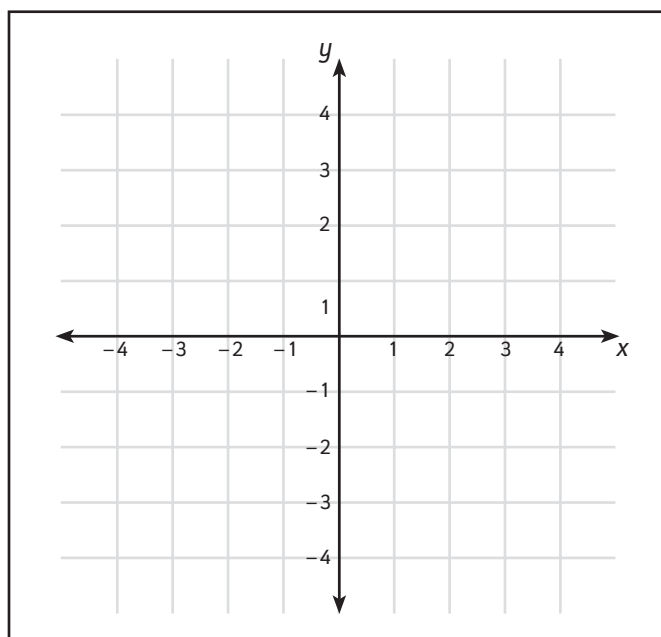
Coordinate Graphs

Activity 1

Plot the points on the graph. Label each point with the letter next to it.

A (3, 2) B (-1, -1) C (2, -1) D (-1, 1)

E (1, 0) F (-2, 3) G (0, 0) H (0, 1)





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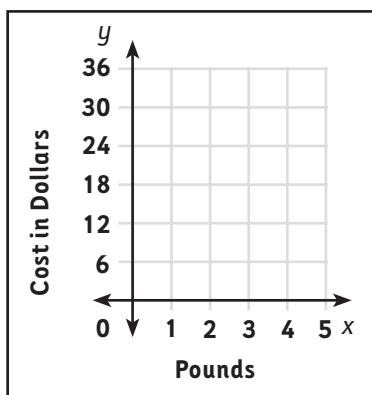
Apply Skills
Graphing Functional Relationships

Activity 1

Plot each of the points from the input/output tables to make a dot graph that represents the function. Then write a sentence that describes the function.

1. Strawberries cost \$6 per pound.

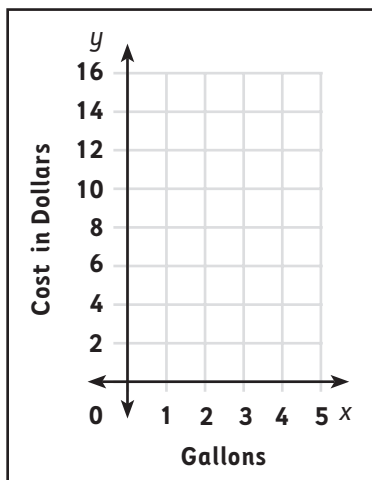
Pounds	Cost
1	\$6
2	\$12
3	\$18
4	\$24



Describe the function in words.

2. Gas costs \$4 per gallon.

Gallons	Cost
1	\$4
2	\$8
3	\$12
4	\$16



Describe the function in words.

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Problem-Solving Activity Reflections on a Coordinate Graph

Reflect the shapes on the coordinate graphs in each problem. Begin by using the tables and filling in the coordinates before drawing the reflected shape. Label each vertex of the reflected shape.

1.

Starting Points	
Vertices	Coordinates
A	(-4, 4)
B	(-6, 1)
C	(-2, 1)

Reflect the triangle from Quadrant II to Quadrant III.

Ending Points	
Vertices	Coordinates
A'	
B'	
C'	

2.

Starting Points	
Vertices	Coordinates
A	(-6, -1)
B	(-2, -1)
C	(-8, -3)
D	(-4, -3)

Reflect the parallelogram from Quadrant III to Quadrant IV.

Ending Points	
Vertices	Coordinates
A'	
B'	
C'	
D'	

3.

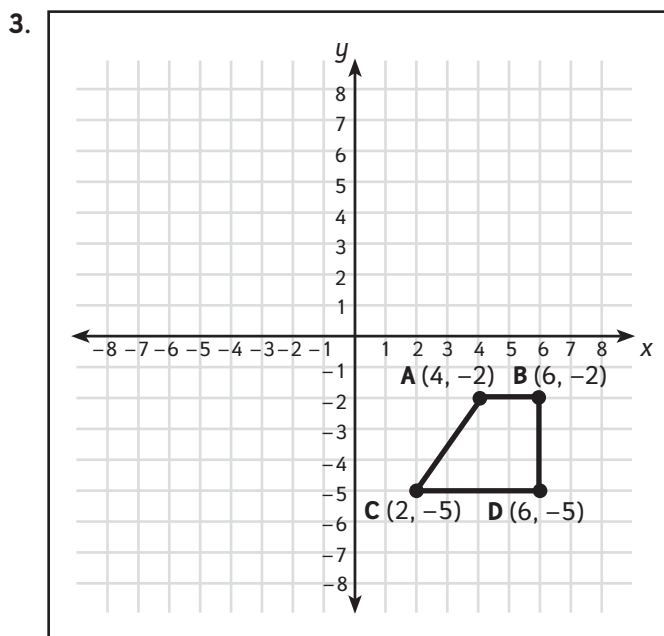
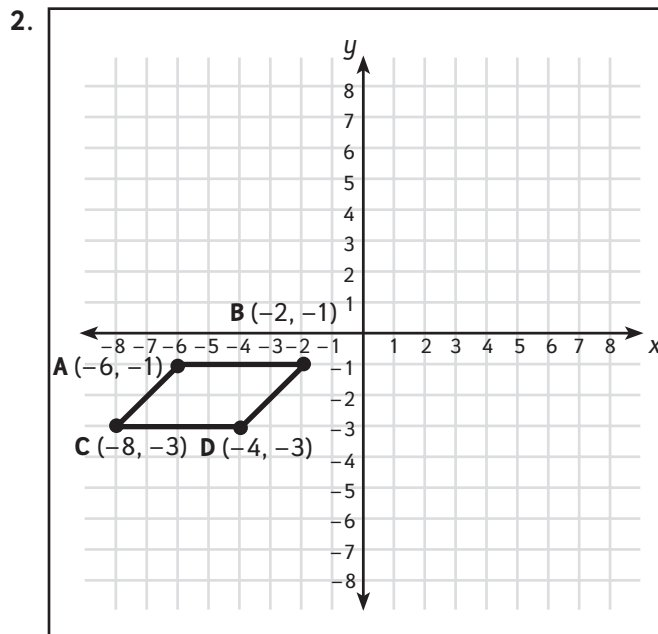
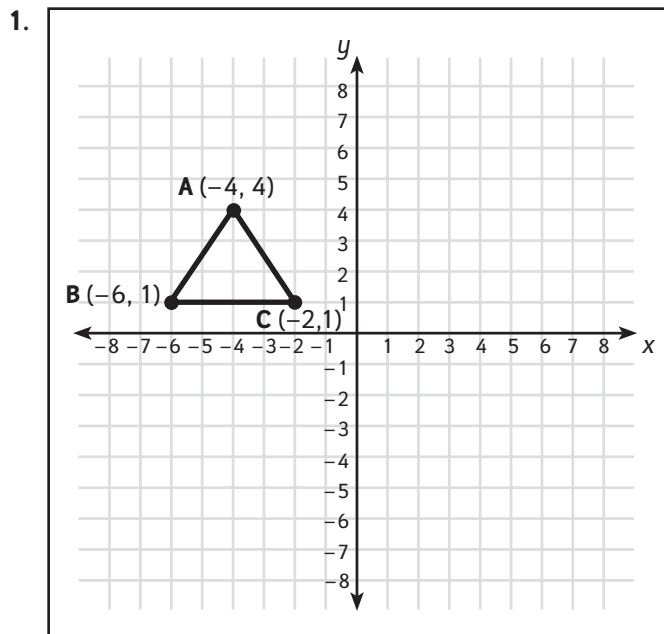
Starting Points	
Vertices	Coordinates
A	(4, -2)
B	(6, -2)
C	(2, -5)
D	(6, -5)

Reflect the trapezoid from Quadrant IV to Quadrant I.

Ending Points	
Vertices	Coordinates
A'	
B'	
C'	
D'	



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mBook Reinforce Understanding
 Use the mBook *Study Guide* to review lesson concepts.