

What Helps Chicks Get Out of Their Shells?

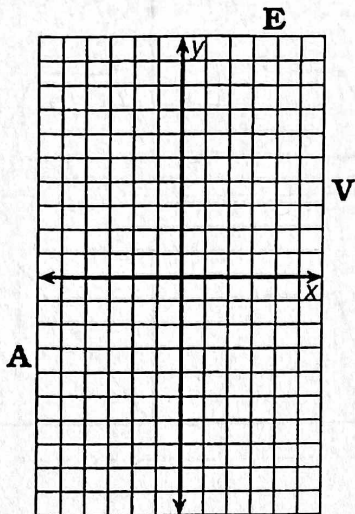
Complete the table of solutions for each equation. Then graph the solutions and draw a line through them. The line, if extended, will cross a letter outside the grid. Write this letter in each box containing the exercise number.

4	3	1	1	6	6	5	2	4
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1

$$y = 3x - 1$$

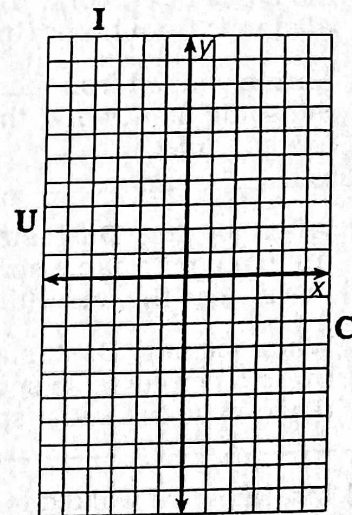
x	y
3	
2	
-2	
0	



2

$$y = -2x + 3$$

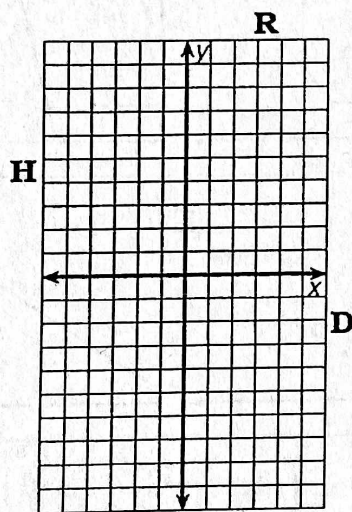
x	y
5	
-3	
2	
0	



3

$$y = -x - 2$$

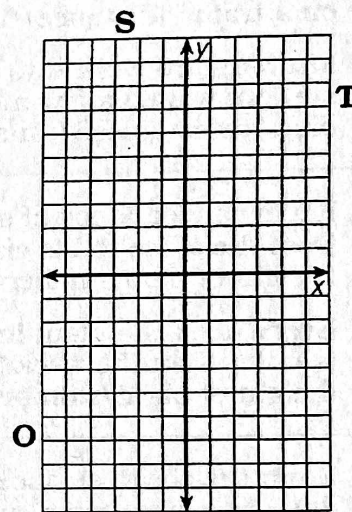
x	y
6	
-5	
-2	
0	



4

$$y = \frac{1}{2}x + 4$$

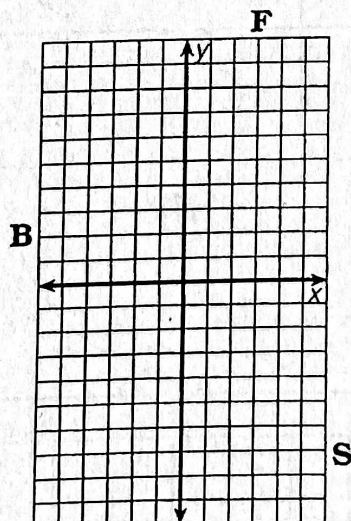
x	y
4	
6	
-2	
0	



5

$$y = 7 - 2x$$

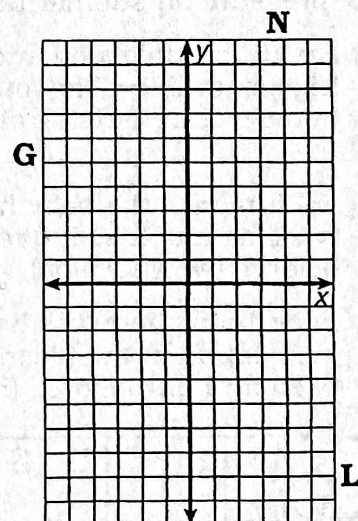
x	y
2	
-1	
5	
0	



6

$$y = -\frac{2}{3}x + 1$$

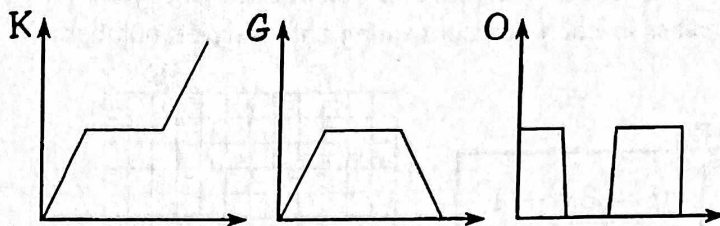
x	y
6	
-6	
3	
0	



When Should You Stop at Green and Go at Red?

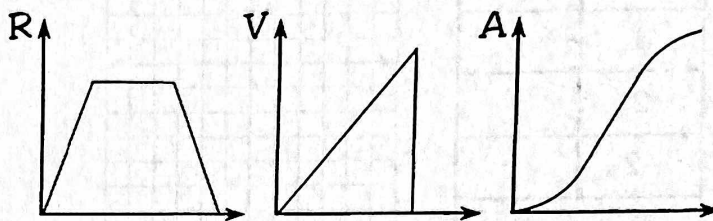
Choose the best graph for the given situation. Copy the graph and label the axes with the variables given in parentheses. Then write the letter of your choice in each box containing the exercise number.

- 1 Karina walked from home to the library, did some homework, then walked back. (distance from home/time)



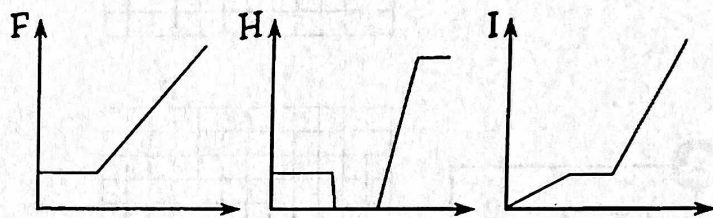
- 2 Karina walked from home to the library, did some homework, then walked back. (speed/time)

- 3 When jogging, Dash starts slowly, builds up to a comfortable speed, then slows down near the end. (distance/time)



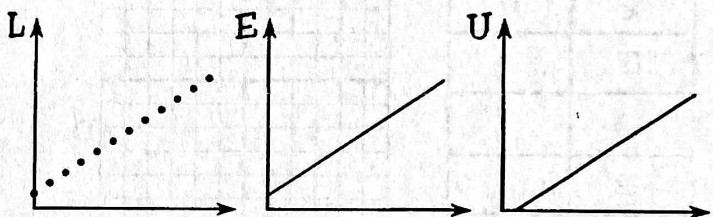
- 4 When jogging, Dash starts slowly, builds up to a comfortable speed, then slows down near the end. (speed/time)

- 5 Mr. Mustard walked to the subway station, waited a few minutes, then got on a train. (distance/time)



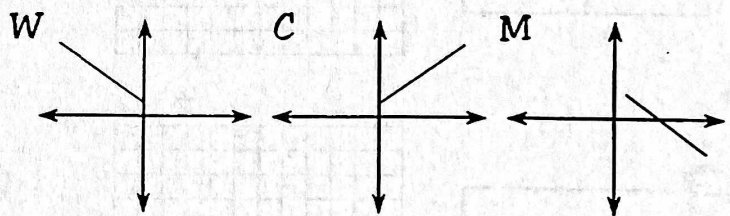
- 6 Mr. Mustard walked to the subway station, waited a few minutes, then got on a train. (speed/time)

- 7 Kevin carried a box of school yearbooks from the office to his classroom. (weight of box/number of books in box)



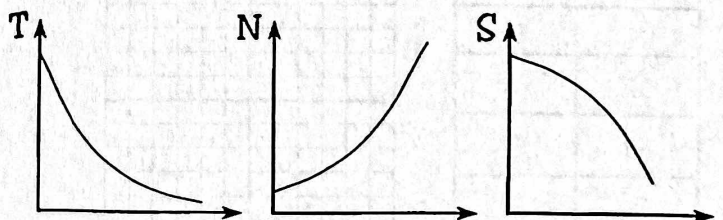
- 8 Every week the plant in our classroom is taller than the week before. (height of plant/number of weeks)

- 9 From the ocean surface, a submarine dives steadily deeper until leveling off. (pressure on submarine/elevation)



- 10 An airliner takes off and climbs steadily higher until leveling off. (temperature outside airliner/elevation)

- 11 Each month the baby hippo weighed twice as much as it had the month before. (weight/time)



- 12 Each hour there was half as much medication in the blood as there had been an hour before. (medication/time).

