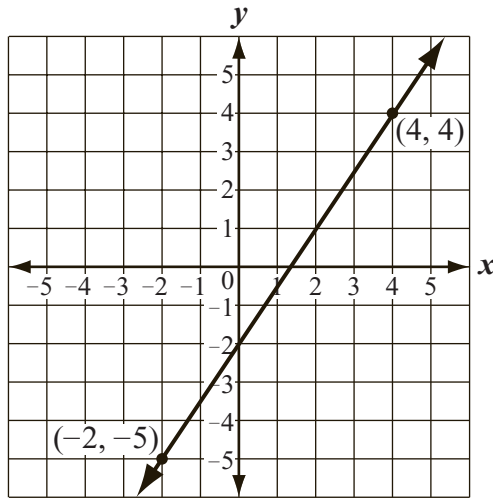


- 11 Each of the four functions below shows a relationship between  $x$  and  $y$ .



- Function H:

- Function I:  $y = 2.5x + 8$

- Function J: Multiply the  $x$  value by 3 and subtract 6 to get the  $y$  value.

- Function K:

| $x$ | $y$ |
|-----|-----|
| -2  | 4   |
| 0   | 6   |
| 2   | 8   |
| 4   | 10  |
| 6   | 12  |

- What is the slope of the line that represents Function H? Show or explain how you got your answer.
- Write an equation in terms of  $x$  and  $y$  to represent the graph of **Function J**.
- What is the  $y$ -intercept of **Function K**? Show or explain how you got your answer.
- List the four functions in order from the function with the least rate of change to the function with the greatest rate of change.