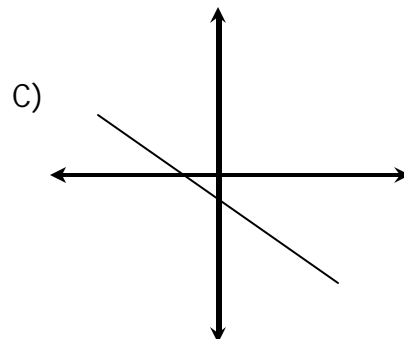
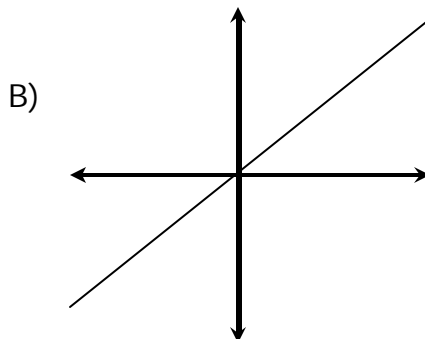
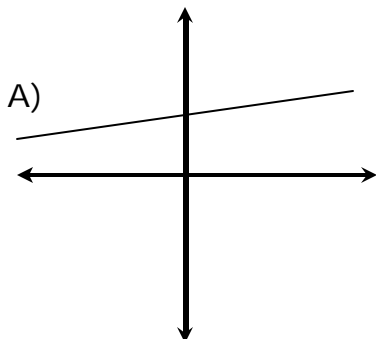
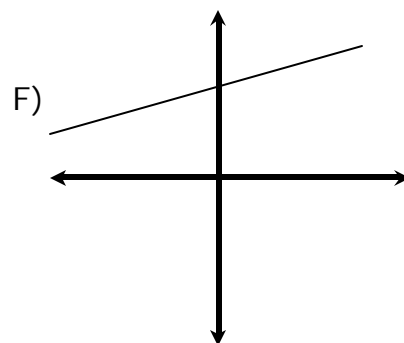
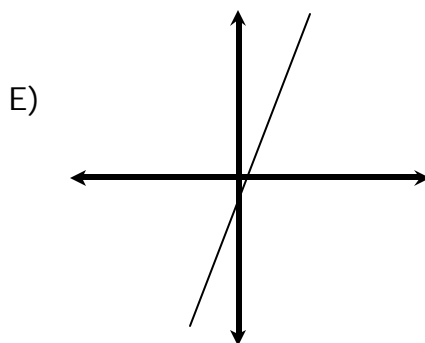
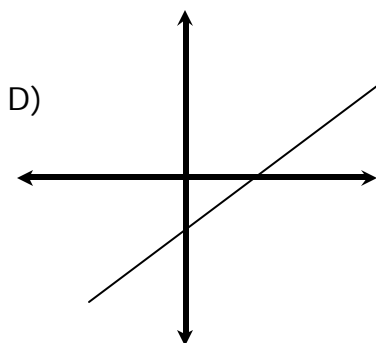


Graphs and Direct Variation: Practice B

1. Determine which graph below represent a relationship where y varies directly with x .



2. Determine which line below has the largest slope.



3. Which of the equations below represents a relationship where y varies directly with x ?

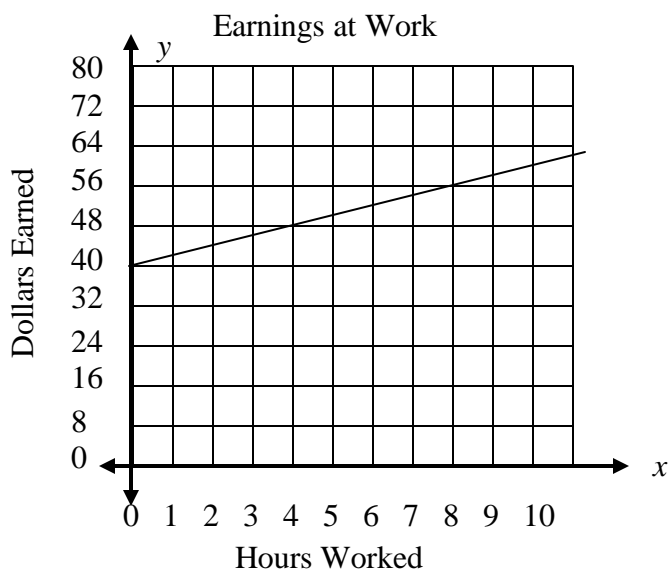
a. $y = 5 - 2x$

b. $x = 4y - 2$

c. $y = 2 + x$

d. $y = 12x$

4. The graph below shows the amount of money earned over a 10-hour day.



Which of the following functions represents the relationship between hours worked and earnings?

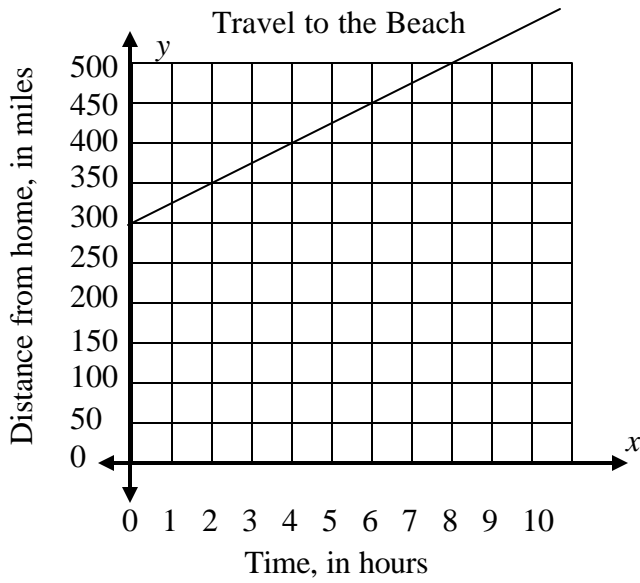
a) $f(x) = 2x + 40$

b) $f(x) = 2x - 40$

c) $f(x) = 8x + 40$

d) $f(x) = 8x - 40$

5. The graph below shows the distance a car traveled over a 10-hour trip



Which of the following functions represents the relationship between hours and distance traveled?

- a) $f(x) = 300x + 25$
- b) $f(x) = 300x - 50$
- c) $f(x) = 25x + 300$
- d) $f(x) = 25x - 300$

6. Which of the equations below represents a relationship where y varies directly with x ?

- a. $y = 3x$
- b. $x = 2$
- c. $y = x^2 + 1$
- d. $y = 2 - 2x$

7. Which of the equations below represents a relationship where y varies directly with x ?

- a. $x + y = 3x$
- b. $y = 2$
- c. $y = 4x$
- d. $y = 22 + 7$

8. Write the equation of the line shown below...

