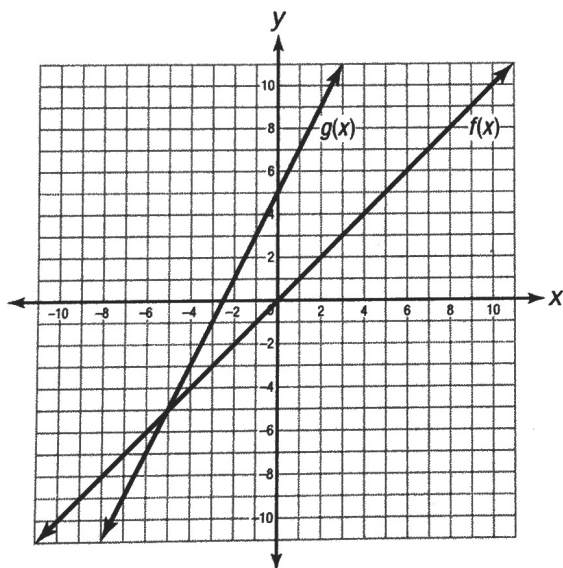


13. To get a special deal at the bookstore, a customer must spend more than \$40. Sean is planning on buying a movie for \$16 and some books, b , that cost \$8 each. The inequality he wants to use to see how many books he needs to buy is $8b + 16 > 40$. Which number of books will **not** allow Sean to get the special deal?

- A. 3 books
- B. 4 books
- C. 6 books
- D. 7 books

14. The following graph displays linear functions $f(x)$ and $g(x)$.



Which describes the solution of the equation $f(x) = g(x)$?

- A. $(-5, -5)$
- B. $(0, 0)$
- C. $(0, 5)$
- D. no solution

15. The table below represents ordered pairs of a relation.

x	y
-2	2
-1	1
0	0
1	1
-2	5

Which change could be made so that the relation becomes a function?

- A. replace $(-1, 1)$ with $(1, 4)$
 - B. replace $(-1, 1)$ with $(-3, 6)$
 - C. replace $(-2, 5)$ with $(3, 8)$
 - D. replace $(-2, 2)$ with $(-2, 3)$
16. Which ordered pair represents the solution of the following system of linear equations?

$$3y + 4x = 19$$

$$y - 2x = 3$$

- A. $(-7, -5)$
- B. $(0, 3)$
- C. $(1, 5)$
- D. $(5, 13)$