

Independent Practice

Equations and Inequalities

A.7

Read and solve.

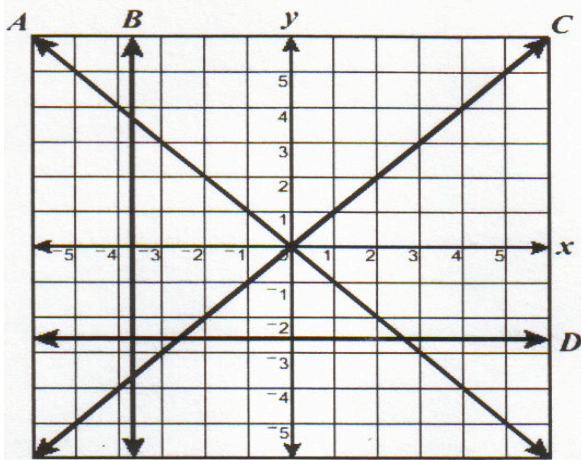
1. What is the slope of the line represented by $y = \frac{2}{3}x + 4$?

- A. $\frac{3}{2}$
- B. $\frac{2}{3}$
- C. $-\frac{2}{3}$
- D. -2

2. Which describes the slope of the line that passes through (-7, 3) and (8, 5)?

- A. Positive
- B. Negative
- C. Zero
- D. Undefined

3.



Which line on the graph has undefined slope?

- A
- B
- C
- D

Independent Practice-continued

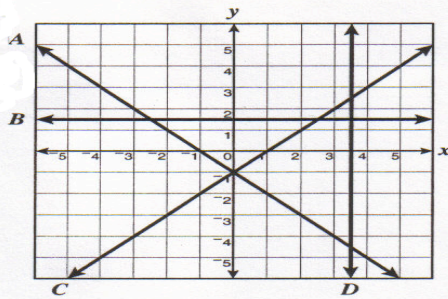
4. What is the slope of the line that contains (4, -1) and (3, 3)?

- A. -4
- B. $-\frac{1}{2}$
- C. $-\frac{1}{4}$
- D. 2

5. What is the slope of the line $3x + y = 5$?

- A. 3
- B. $\frac{1}{3}$
- C. $-\frac{1}{3}$
- D. -3

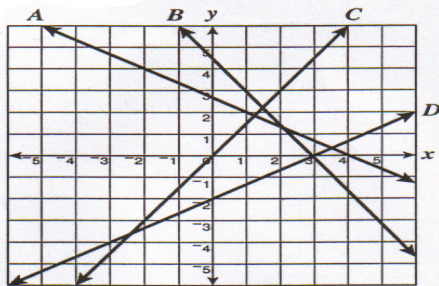
6.



7.

Which line on the graph has an undefined slope?

- A. A
- B. B
- C. C
- D. D



Which line on the grid appears to have slope $\frac{2}{3}$?

- F. A
- G. B
- H. C
- J. D

8. What is the slope of the line containing $(-3, -1)$ and $(1, -2)$?

A. -4

B. $-\frac{1}{4}$

C. $\frac{1}{4}$

D. 4

9. What is the slope of the line $3x - 6y = 15$?

A. -9

B. $-\frac{1}{2}$

C. $\frac{1}{2}$

D. 2

10. What is the slope of the line $x = -3$?

A. -3

B. 0

C. Undefined

D. 3