

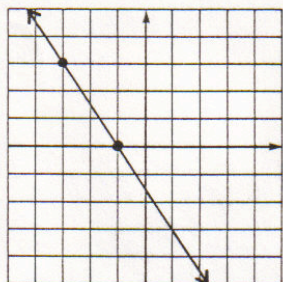
SOL Mini-Challenge

Equations and Inequalities A.1, A.7

Read and solve each question.

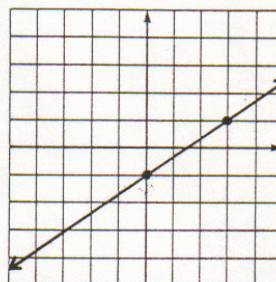
1. What is the slope of the line that contains points (2, 3) and (2, -4)?
 - A. Undefined
 - B. 0
 - C. $-\frac{1}{4}$
 - D. -4
2. What is the slope of the line represented by the equation $-2y = x - 1$?
 - F. -2
 - G. $-\frac{1}{2}$
 - H. $\frac{1}{2}$
 - J. 2
3. What is the slope of the line that contains (4, -1) and (3, 3)?
 - A. -4
 - B. $-\frac{1}{2}$
 - C. $-\frac{1}{4}$
 - D. 2
4. What is the slope of the line that contains (6, -2) and (2, -2)?
 - F. -1
 - G. 0
 - H. $\frac{1}{2}$
 - J. Undefined
5. What is the slope of the line represented by $2x - 3y = 4$?
 - A. -2
 - B. $-\frac{2}{3}$
 - C. $\frac{2}{3}$
 - D. $\frac{3}{2}$
6. What is the slope of the line represented by $y = -4$?
 - F. Undefined
 - G. -4
 - H. $-\frac{1}{4}$
 - I. 0

7. What is the slope of the line graphed below?



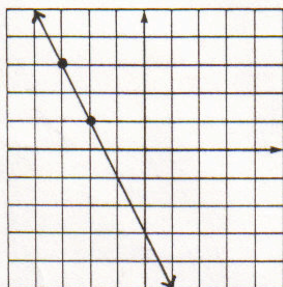
- A. Undefined
- B. $3/2$
- C. 0
- D. $-3/2$

9. What is the slope of the line graphed below?



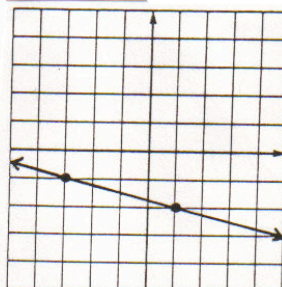
- A. $2/3$
- B. $-2/3$
- C. $3/2$
- D. $-3/2$

8. Determine the slope of the line graphed below.



- F. 2
- G. -2
- H. $1/2$
- J. $-1/2$

10. Determine the slope of the line graphed below.



- F. 4
- G. -4
- H. $-1/4$
- J. $1/4$