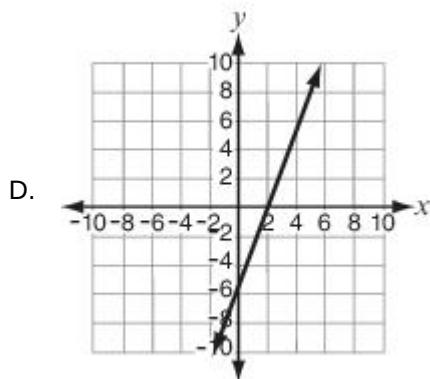
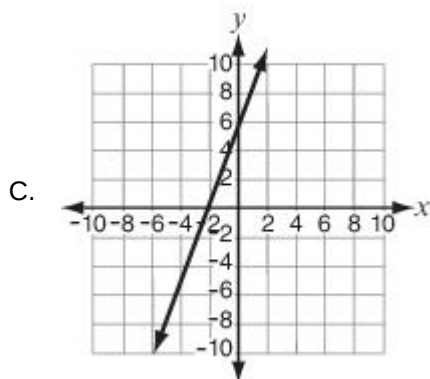
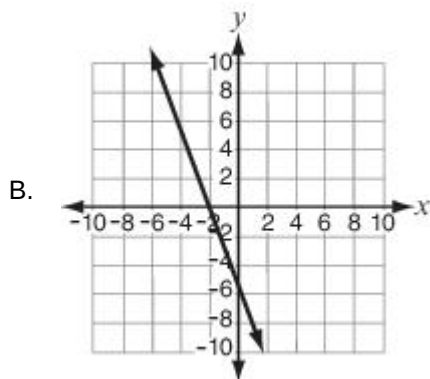
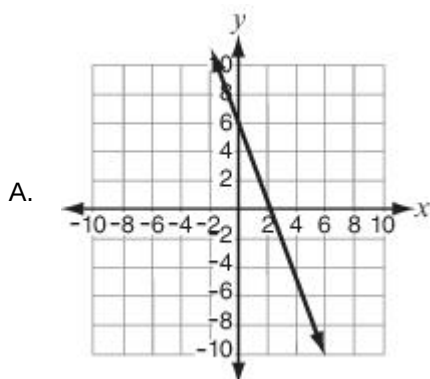


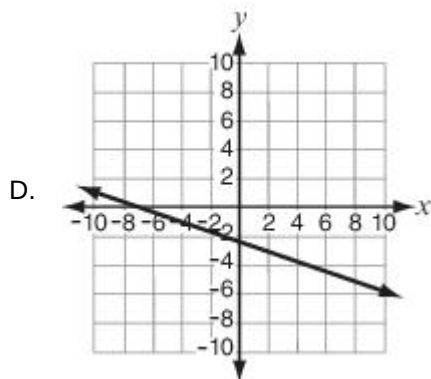
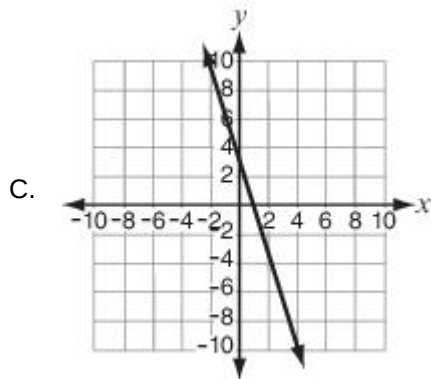
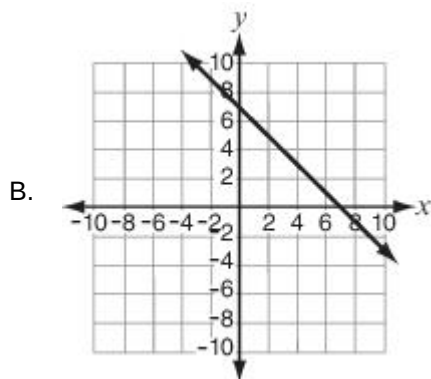
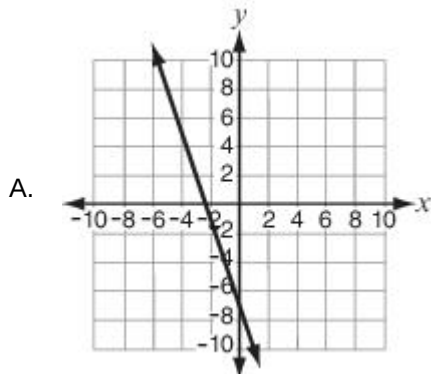
Directions: Please choose the best answer choice for each of the following questions.

1. Which graph represents the equation $y = -3x + 6$?



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2. Which graph BEST represents a line with a slope of -3 that passes through $(2, -3)$?



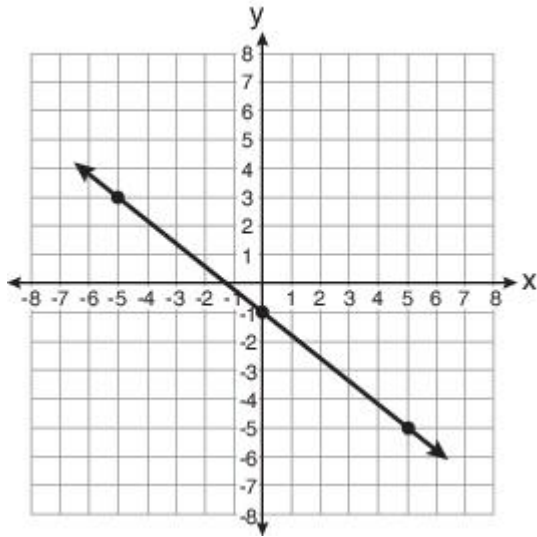
3. Anthony graphs the line with equation $y = 2x - 6$. Which of the following equations has a graph that is the greatest distance from Anthony's line?

- A. $y = 2x$
- B. $y = 2x + 6$
- C. $y = 2x - 10$
- D. $y = 2x - 12$

4. Which of the following lies on the graph of the equation $y = 4x + -2$?

- A. $(-2, 0)$
- B. $(1, 6)$
- C. $(-1, 6)$
- D. $(2, 6)$

5. Use the graph below.



Which table of values can be used to graph $y = -\frac{4}{5}x - 1$?

- A.

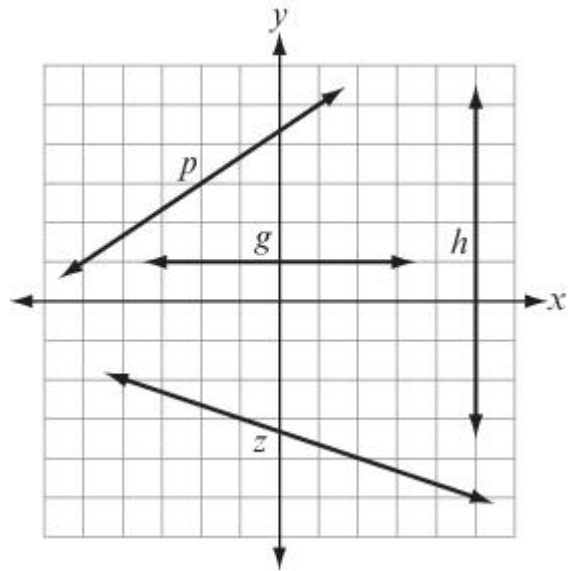
x	-10	-5	0	5
y	7	3	-1	-5
- B.

x	-10	-5	0	5
y	-7	-3	1	5
- C.

x	-10	-5	0	5
y	3	-1	-5	-7
- D.

x	-10	-5	0	5
y	-5	-3	1	7

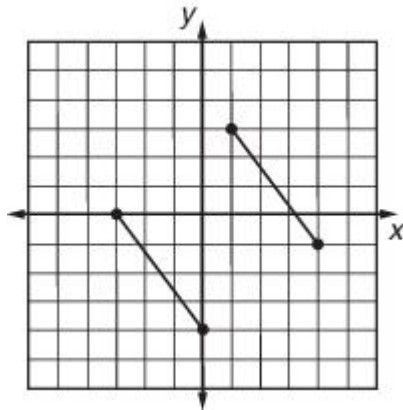
6. Lines g , h , p , and z are drawn on this coordinate plane.



Which line has an undefined slope?

- A. g
 B. h
 C. p
 D. z

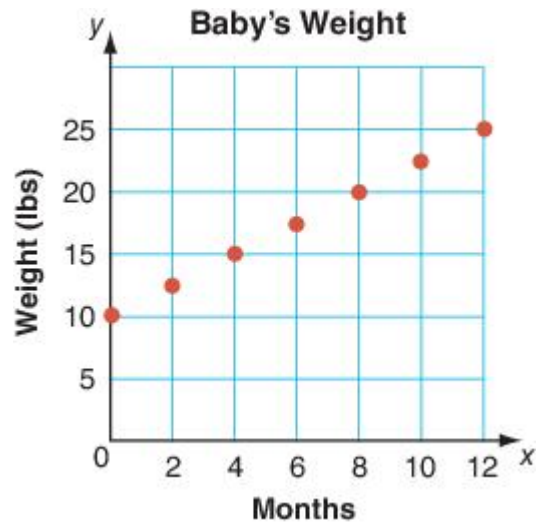
7. Maura draws two sides of a square picture frame on this coordinate graph.



If she knows that the other sides are perpendicular to the sides she drew, what will be the slopes of the other sides of the frame?

- A. $-\frac{3}{4}$
- B. $\frac{3}{4}$
- C. $-\frac{4}{3}$
- D. $\frac{4}{3}$

8. The weight of a newborn baby increased steadily during his first year, as shown in the graph below.



What BEST describes the rate of increase in the baby's weight?

- A. 5 lbs every 2 months
 - B. 5 lbs every 4 months
 - C. 10 lbs every 2 months
 - D. 25 lbs every 12 months
9. For the graph of the linear function $y = 2x - 4$, where would the line intercept the y-axis?
- A. $(0, -4)$
 - B. $(-4, 0)$
 - C. $(0, 2)$
 - D. $(2, 0)$
10. A line contains points $(4, 7)$ and $(-3, 2)$. What is the slope of the line?
- A. 9
 - B. $\frac{5}{7}$
 - C. $\frac{7}{5}$
 - D. $\frac{1}{5}$

Stop! You have finished this exam.