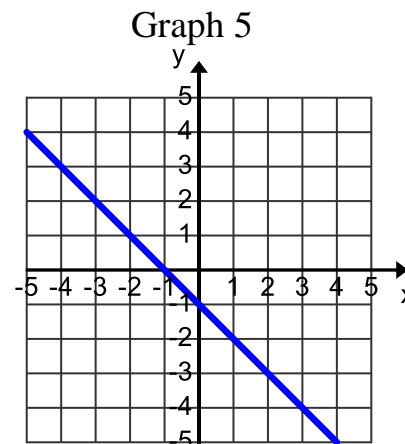
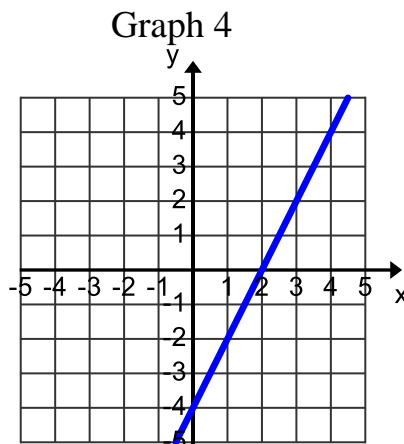
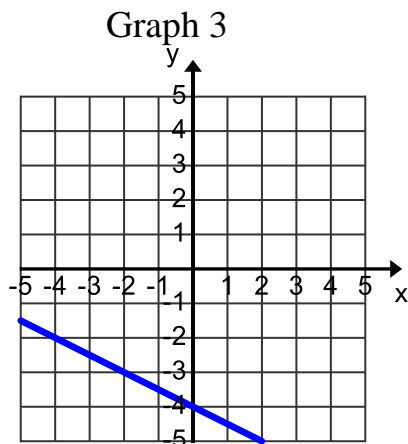


Algebra Review of Concepts Chapters 4-6 QUIZ 25716

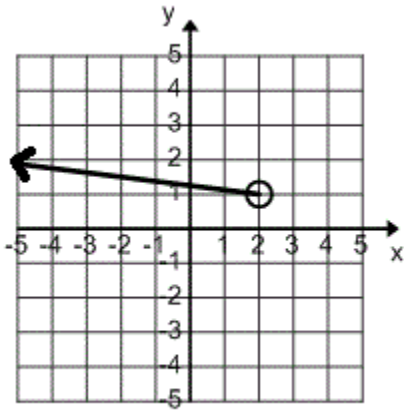
You may use your notes or my videos to help you on any question, but you cannot receive help from anyone.

1. What is the domain of $\{(3,5),(4,5),(5,5)\}$?
- A. $\{3, 4, 5\}$ B. $\{5\}$ C. $\{3, 5\}$
D. $\{5, 4, 5\}$ E. $\{4, 4, 5\}$ F. None of the above
2. Which ordered pairs below are solutions to the equation $4x + 4y = 8$?
(Pick all that apply.)
- A. $(0, 2)$ B. $(1, 1)$ C. $(-2, 3)$
D. $(6, -1)$ E. $(1, 2)$ F. $(-2, 2)$



3. What is graphed in Graph 3?
- A. $y = 2x - 4$ B. $y = 2x + 2$ C. $y = \frac{1}{2}x - 4$
D. $y = -\frac{1}{2}x - 4$ E. $y = \frac{1}{2}x + 4$ F. None of the above
4. What is graphed in Graph 4?
- A. $y = 2x - 4$ B. $y = -2x - 4$ C. $y = \frac{1}{2}x - 4$
D. $y = -\frac{1}{2}x - 4$ E. $y = \frac{1}{2}x + 4$ F. None of the above
5. What is graphed in Graph 5?
- A. $y = -x - 1$ B. $y = -2x - 1$ C. $y = x + 1$
D. $y = -x + 1$ E. $y = 2x + 1$ F. None of the above

6. What is the domain of the graph below?

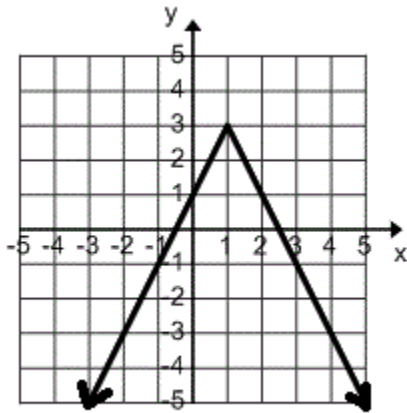


- A. $x > 2$
- D. $x \geq 1$

- B. $x \geq 2$
- E. $x < 2$

- C. $x > 1$
- F. None of the above

7. What is the range of the graph below?

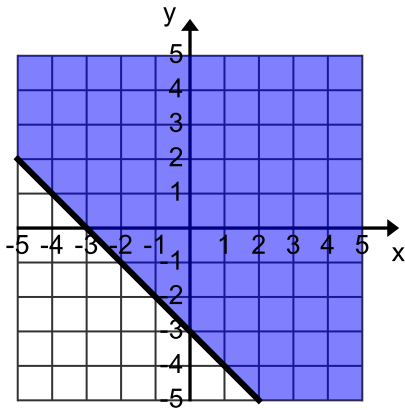


- A. All Real Numbers
- D. $-3 < y < 3$

- B. $y \geq 3$
- E. $-3 \leq y \leq 3$

- C. $y \leq 3$
- F. None of the above

8. What inequality is graphed below.
The line is a DASHED line, but doesn't appear like it.



- A. $y \geq -x - 3$
 B. $y > 3x - 1$
 C. $y < 3x + 1$
 D. $y \geq -x - 2$
 E. $y > -x + 3$
 F. None of the above
9. What is the slope between the points (6, 24) and (4, 30)?
 A. -6
 B. -4
 C. -5
 D. -3
 E. 4
 F. None of the above
10. Rewrite the equation $2x + \frac{1}{3}y = 4$ into slope intercept form.
 A. $y = -8x + 16$
 B. $y = -6x + 12$
 C. $y = -10x + 20$
 D. $y = 8x + 16$
 E. $y = -15x + 4$
 F. None of the above
11. What is $f(-2)$ for the function $f(x) = \frac{4(x-2)}{2}$?
 A. -16
 B. -14
 C. 3
 D. -12
 E. -8
 F. None of the above
12. Which of these is the zero of the function $f(x) = x^2 + 6x + 8$?
 A. -1
 B. 2
 C. -4
 D. 0
 E. 6
 F. None of the above
13. What is the x-intercept of $f(x) = x - 4$?
 A. (-4, 0)
 B. (0, -2)
 C. (4, 0)
 D. (0, 2)
 E. (2, 6)
 F. None of the above

