

Equations of a Line
02/29/2012

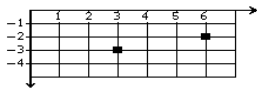
Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully and select the correct answer.**

1. Which equation of the line corresponds to the graph?



- A. $y = -1/3x - 4$
B. $y = 3/4x$
C. $y = 1/3x - 4$
D. $y = 3x - 4$
2. A line runs through I(3, -6) and J(-5, 1). Find the equation of the line.
- A. $y = 7/8x - 27/8$
B. $y = 7/8x + 3$
C. $y = -7/8x - 27/8$
D. $y = -7/8x$
3. Given the coordinate points C(-1, 8), L(5, -2), and H(-6, y), write an equation for line CL and find the y-coordinate for point H (-6, y) on the line CL.
- A. $y = 1.67$
B. $y = 16.4$
C. $y = 16 \frac{1}{3}$
D. $y = -5/3$

4. Write an equation for the line that passes through the points $(1, 1)$ and $(2, 2)$.

A. $y = -3x + \frac{8}{5}$

B. $y = -\frac{1}{5}x$

C. $y = -\frac{1}{3}x + \frac{4}{15}$

D. $y = 5x - \frac{12}{5}$