Four_Score_pt2

Multiple Choice
Identify the choice that best completes the statement or answers the question.

____   Which of the following is equivalent to $8x + 7y = -6$?

$$y = -\frac{8}{7}x + \frac{6}{7} \qquad y = -\frac{8}{7}x - \frac{6}{7} \qquad y = \frac{8}{7}x + \frac{6}{7} \qquad y = \frac{8}{7}x - \frac{6}{7}$$

____   Which of the following is equivalent to $y = -\frac{4}{5}x + \frac{6}{5}$?

$$-4x - 5y = 6 \qquad 4x - 5y = -6 \qquad -4x + 5y = -6 \qquad 4x + 5y = 6$$

____   Which is the y-intercept for $7x + 8y = -5$?

$$\frac{7}{8} \qquad\qquad -\frac{5}{8} \qquad\qquad -\frac{7}{8} \qquad\qquad \frac{5}{8}$$

____   Which is the slope for $3x - 2y = 1$?

$$-\frac{1}{2} \qquad\qquad -\frac{3}{2} \qquad\qquad \frac{3}{2} \qquad\qquad \frac{1}{2}$$

____   Which of the following is equivalent to $y = \frac{9}{10}x + \frac{11}{10}$?

$$-9x + 10y = -1 \qquad 9x - 10y = -11 \qquad -9x - 10y = 11 \qquad 9x + 10y = 11$$

____   Which of the following is equivalent to $4x + 3y = -6$?

$$y = \frac{4}{3}x - 2 \qquad y = -\frac{4}{3}x - 2 \qquad y = \frac{4}{3}x + 2 \qquad y = -\frac{4}{3}x + 2$$

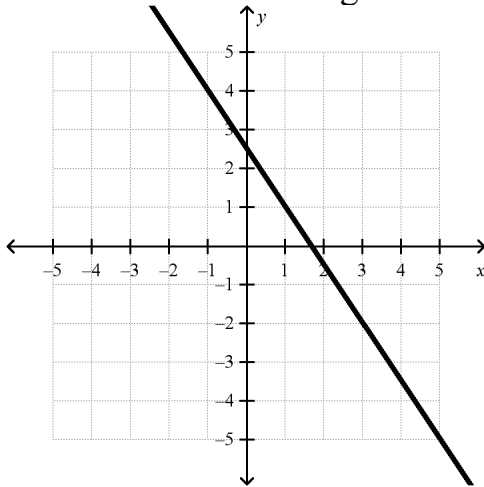____   Which of the following has a slope equal to a negative four rise and a negative three run?

$$-4x + 3y = -2 \qquad -2x - 3y = -4 \qquad -4x - 3y = -2 \qquad -2x + 3y = -4$$

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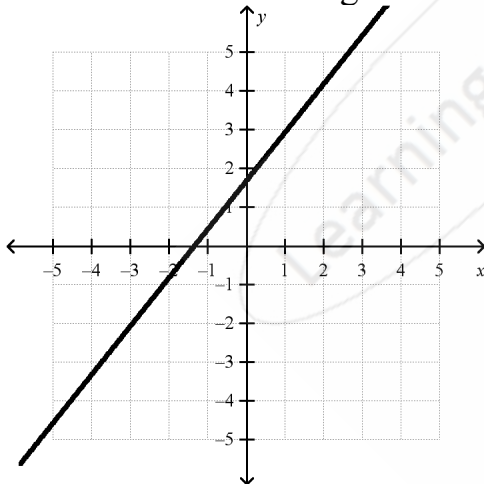____ Which of the following matches the graph?

$$y = \frac{3}{2}x + \frac{5}{2} \qquad y = -\frac{3}{2}x + \frac{5}{2} \qquad y = -\frac{3}{2}x - \frac{5}{2} \qquad y = \frac{3}{2}x - \frac{5}{2}$$

____ Which of the following matches the graph?

$$5x + 4y = -7 \qquad -5x + 4y = 7 \qquad 5x - 4y = 7 \qquad -5x - 4y = -7$$

____ Which of the following has a slope equal to a positive four rise and a negative three run?

$$y = -2x - \frac{4}{3} \qquad y = 2x + \frac{4}{3} \qquad y = -\frac{4}{3}x - 2 \qquad y = \frac{4}{3}x + 2$$

Four_Score_pt2
Answer Section

MULTIPLE CHOICE

B
D
B
C
B
B
A
B
B
C