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Remember that in the slope-intercept form of $y = mx + b$…
m is slope
b is y-intercept
x and y are coordinates on the line

Which of the following is equivalent to $5x - 4y = 3$?

a. $y = \frac{5}{4}x - \frac{3}{4}$
b. $y = -\frac{5}{4}x - \frac{3}{4}$
c. $y = -\frac{5}{4}x + \frac{3}{4}$
d. $y = \frac{5}{4}x + \frac{3}{4}$

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Remember that in the slope-intercept form of $y = mx + b$…
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b is y-intercept
x and y are coordinates on the line

Which of the following is equivalent to $y = \frac{4}{3}x + 2$?

a. $-4x - 3y = 6$
b. $-4x + 3y = -6$
c. $4x + 3y = 6$
d. $4x - 3y = -6$

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Remember that in the slope-intercept form of $y = mx + b$…
m is slope
b is y-intercept
x and y are coordinates on the line

Which is the y-intercept for $4x + 5y = -6$?

a. $-\frac{4}{5}$
b. $-\frac{6}{5}$
c. $\frac{6}{5}$
d. $\frac{4}{5}$

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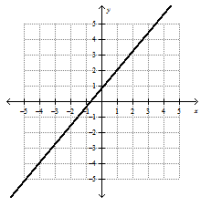
Remember that in the slope-intercept form of $y = mx + b$…
m is slope
b is y-intercept
x and y are coordinates on the line

Which is the slope for $5x - 4y = 7$?

a. $\frac{7}{4}$
b. $-\frac{5}{4}$
c. $-\frac{7}{4}$
d. $\frac{5}{4}$

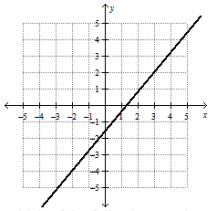
Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line



Which of the following matches the graph?

a. $y = -\frac{6}{5}x + \frac{4}{5}$
b. $y = -\frac{6}{5}x - \frac{4}{5}$
c. $y = \frac{6}{5}x - \frac{4}{5}$
d. $y = \frac{6}{5}x + \frac{4}{5}$

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

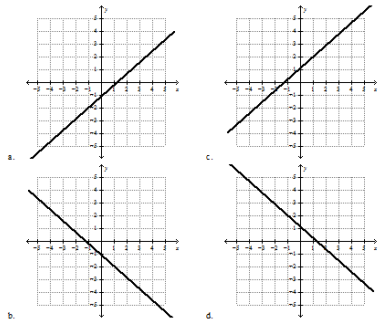


Which of the following matches the graph?

a. $6x - 5y = -8$
b. $-6x + 5y = -8$
c. $-6x - 5y = 8$
d. $6x + 5y = 8$

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

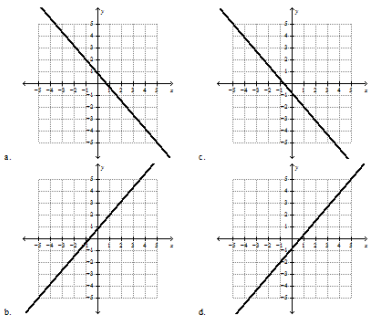
Which graph matches $8x + 9y = 10$?



a.
c.
b.
d.

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

Which graph matches $y = \frac{7}{6}x + \frac{5}{6}$?



a.
c.
b.
d.

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

Which of the following match the points in the table?

x	y
4	−8
8	−13
12	−18

a. $y = \frac{5}{4}x + 3$
b. $y = -\frac{5}{4}x - 3$
c. $y = \frac{5}{4}x - 3$
d. $y = -\frac{5}{4}x + 3$

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

Which of the following match the points in the table?

x	y
4	−3
−8	12
−12	17

a. $5x + 4y = 8$
b. $5x - 4y = -8$
c. $-5x - 4y = 8$
d. $-5x + 4y = -8$

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

Which of the following match the points in the set?
$\{(-2, 6), (4, -3), (-6, 12)\}$

a. $y = -\frac{3}{2}x - 3$
b. $y = \frac{3}{2}x + 3$
c. $y = -\frac{3}{2}x + 3$
d. $y = \frac{3}{2}x - 3$

Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

Which of the following match the points in the set?
$\{(3, -1), (-6, 11), (9, -9)\}$

a. $4x - 3y = 9$
b. $4x + 3y = -9$
c. $-4x - 3y = -9$
d. $-4x + 3y = 9$

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Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

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

a. $y = -\frac{7}{4}x - \frac{5}{4}$
b. $y = \frac{5}{4}x + \frac{7}{4}$
c. $y = -\frac{5}{4}x - \frac{7}{4}$
d. $y = \frac{7}{4}x + \frac{5}{4}$

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Remember that in the slope-intercept form of $y = mx + b$...
m is slope
b is y-intercept
x and y are coordinates on the line

Which of the following has a slope equal to a positive four rise and a positive five run?

a. $2x + 5y = 4$
b. $2x - 5y = 4$
c. $4x + 5y = 2$
d. $4x - 5y = 2$

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Which of the following shows three input and output pairs for $g(x) = -3x + 9$?

a. $\{(-9, 36), (-19, 66), (-10, 40)\}$
b. $\{(-19, 67), (-10, 39), (-9, 35)\}$
c. $\{(-10, 39), (-9, 36), (-19, 66)\}$
d. $\{(-9, 35), (-19, 67), (-10, 40)\}$

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Which of the following is the function for the three input and output pairs?

x	$p(x)$
8	–26
6	–18
15	–54

a. $p(x) = -4x + 6$
b. $p(x) = 4x + 6$
c. $p(x) = -4x - 6$
d. $p(x) = 4x - 6$

Which of the following is the function for the three input and output pairs?

x	$j(x)$
1	5
–4	20
–11	41

a. $j(x) = -3x + 8$
b. $j(x) = 4x + 8$
c. $j(x) = 4x - 7$
d. $j(x) = -3x - 7$