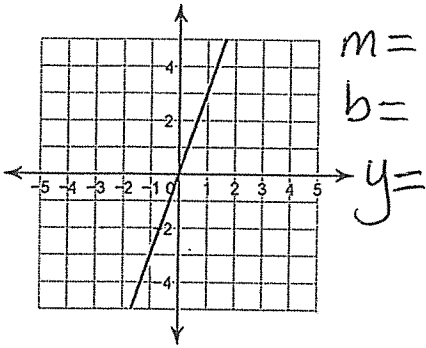


Elementary Algebra Skill

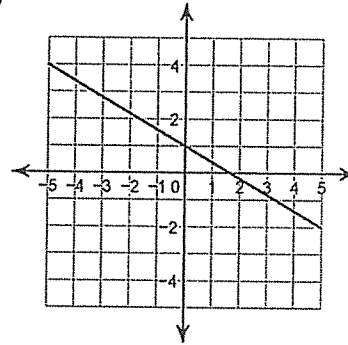
Writing Equations of Lines Given the Graph

Write the slope-intercept form of the equation of each line.

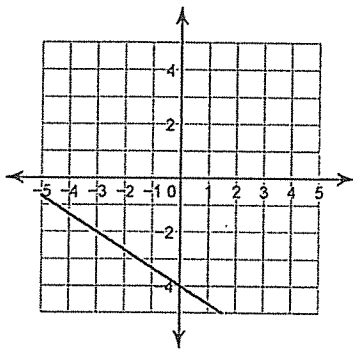
1)



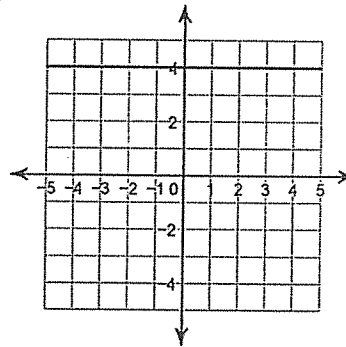
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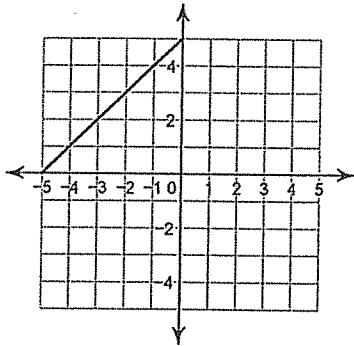
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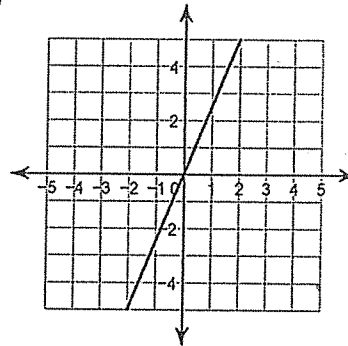
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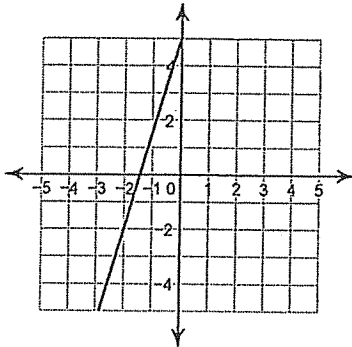
5)



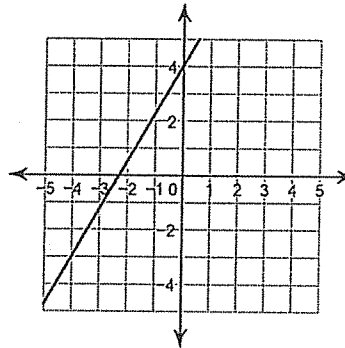
6)



7)



8)

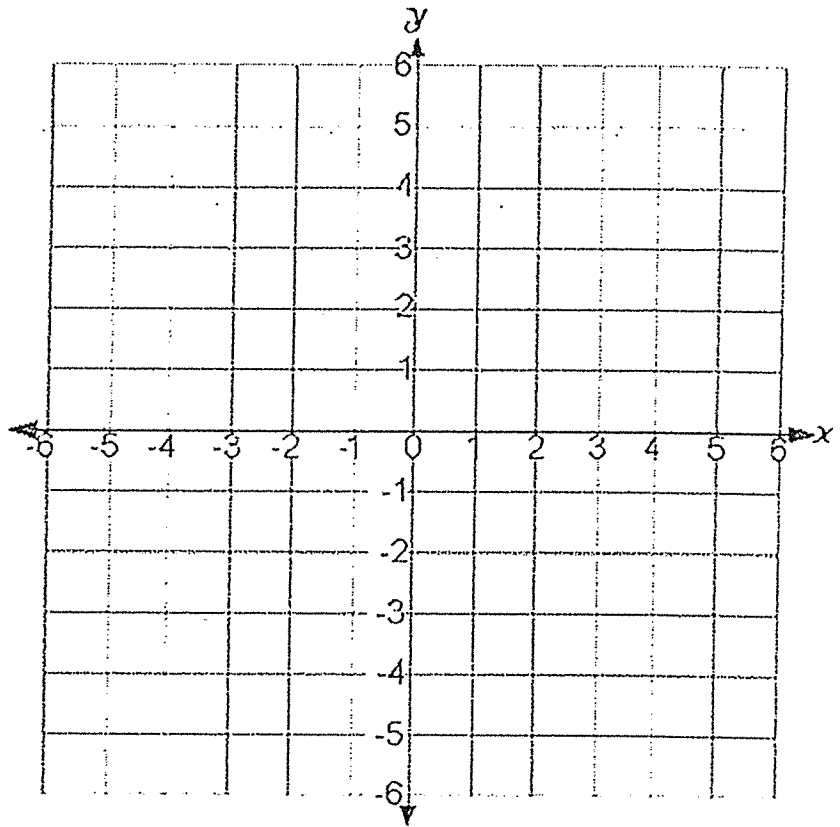


9. Graph each equation. Solve for $y=mx+b$ or use x and y intercepts. You must show work. Use one graph but label the line with A, B or C.

A) $2x - 3y = -12$

B) Graph $5y - 10 = x$

C) Graph $4y = -2x + 12$



10. You have a \$20 coffee card. Each time you go there, you spend \$1.25. The equation $y = -1.25x + 20$ represents how much you have left on the gift card after x visits. How many purchases can you make before the balance runs out?

11. Shannon's hair is 12 inches long and grows 0.25 inch per month. Write an equation that y is the length of her hair after x months. Interpret the slope.