

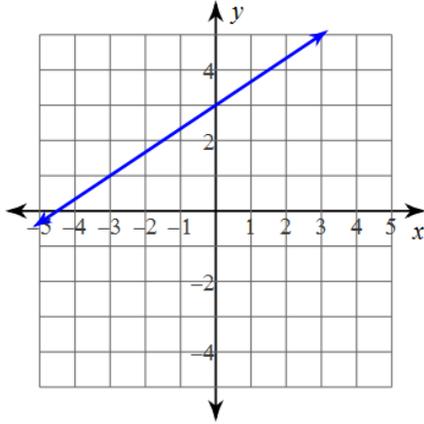
NAME: \_\_\_\_\_

HW 3.4 – LINEAR EQUATIONS IN  
STANDARD FORM  
ALGEBRA 1A

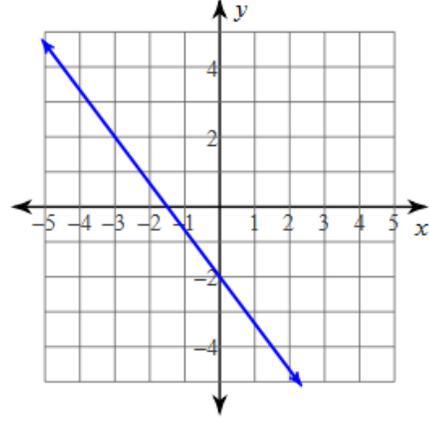
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**Write the standard form of the equation of the line shown in the accompanying graph.**

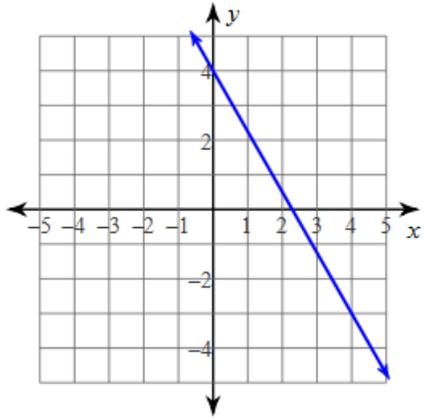
1.



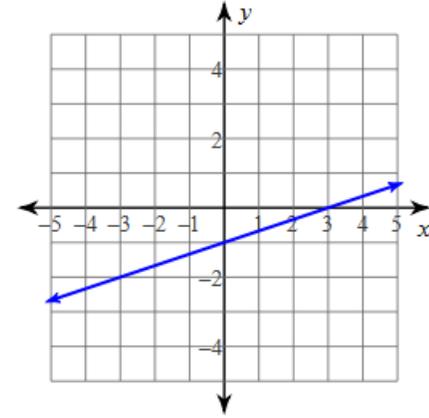
2.



3.



4.



**Write the standard form of the equation of the line through the given point with the given slope.**

5.  $P(-4,-5)$   $m = \frac{-3}{2}$

6.  $P(3,1)$   $m = 0$

7.  $P(-4,-1)$   $m = \frac{1}{2}$

8.  $P(6,-8)$   $m = \frac{2}{3}$

**Write the standard form of the equation of the line through the given points.**

9.  $(2,-2)$  and  $(-2,4)$

10.  $(4,4)$  and  $(5,-1)$

11.  $(-2,5)$  and  $(-2,-1)$

12.  $(-4,-5)$  and  $(4,3)$