Writing Linear Equations Practice

Find the slope and y-intercept from the given equations

$y = \frac{1}{2}x + 5$

$m =$ ____ , $b =$ ____

$y = 5x - 17$

$m =$ ____ , $b =$ ____

$y = -\frac{3}{8}$

$m =$ ____ , $b =$ ____

Use the given slope and y-intercept to write the equation

$m = -1$, $b = 8$

$y =$ _____

$m = \frac{2}{5}$, $b = -10$

$y =$ _____

$m = 7$, $b = 0$

$y =$ _____

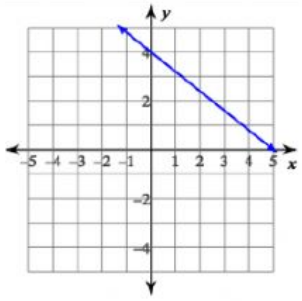
Write the equation in slope-intercept form

$7x + 3y = -12$

$15x + 8y = -56$

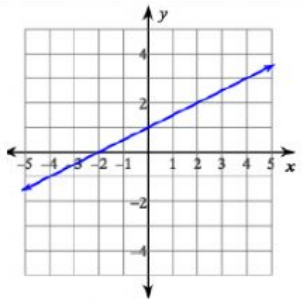
$2x - y = 3$

Write the equation in slope-intercept form



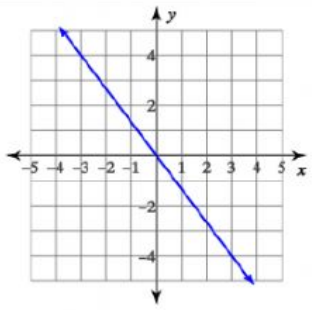
$m =$ _____ , $b =$ _____

$y =$ _____



$m =$ _____ , $b =$ _____

$y =$ _____



$m =$ _____ , $b =$ _____

$y =$ _____