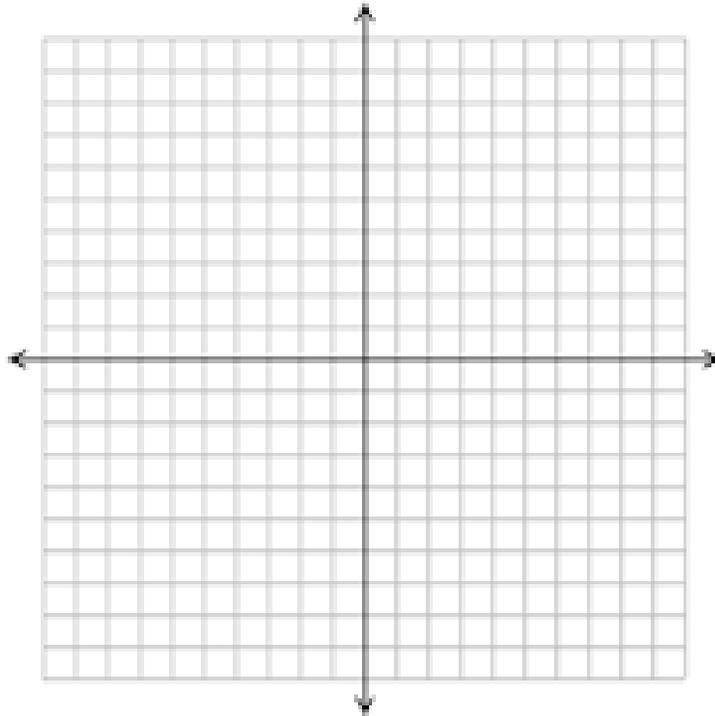


Name: _____

Slope-Intercept Form Homework

1. Identify the slope, x-intercept, and y-intercept for each of the following equations. Then graph and label them on the provided coordinate plane.

(A) $y = -4x - 1$	(B) $y = \frac{3}{5}x - 2$
m: x-int: y-int (b):	m: x-int: y-int (b):
(C) $y = 4x + 5$	(D) $y = 0.5x - 4$
m: x-int: y-int (b):	m: x-int: y-int (b):



2. Write an equation in slope-intercept form for the line that contains the following points.
(A) (0,6) and (5,0) (B) (3,4) and (-1,-2)

(C) (7,-7) and (-4,-3)

(D) (6,6) and (-2,-2)

3. Write an equation in slope-intercept form for the line that fits each description below.
(A) contains the origin and has a slope of -2 (B) crosses the y-axis at -1 and has a slope of 5

(C) contains (-3,2) and (6,6)

(D) contains the point (3,-5) and is parallel to the line $y = 3x - 4$

(E) contains the point (-1,4) and is parallel to the line $2y = 4x + 10$

(F) contains the point (2,7) and is perpendicular to the line $y = 3x - 4$