

Writing Equations Skills Practice

Date _____ HW# _____

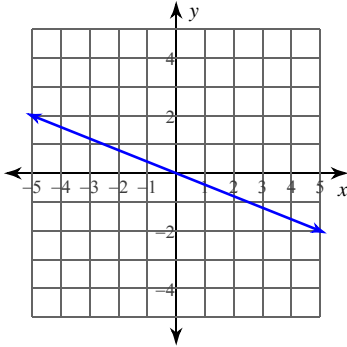
Skill #18 Writing Equations from a Graph.

--Calculate the Slope

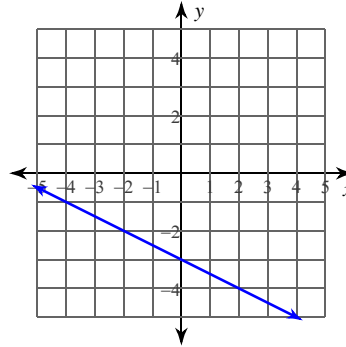
--Observe the y-intercept

--Write the equation ($y = mx + b$)

1)



2)



Skill #19 Writing Equations from slope and y-intercept.

3) Slope = $-\frac{5}{2}$, y-intercept = -5

4) Slope = $-\frac{5}{4}$, y-intercept = 0

Skill #20--Writing Equations from slope and a point.

--Use Point-Slope-Form $y - y_1 = m(x - x_1)$

5) Slope = $\frac{2}{5}$, y-intercept = 0

6) Slope = $-\frac{3}{2}$, y-intercept = 4

Skill #21--Writing Equations from 2 points.

--Calculate the Slope.

--Use Point-Slope-Form $y - y_1 = m(x - x_1)$

7) through: $(3, -2)$ and $(5, -1)$

8) through: $(5, 1)$ and $(1, 5)$

Writing Equations Skills Practice

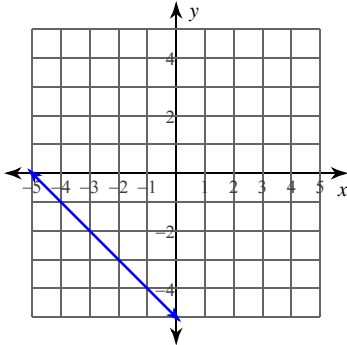
Skill #18 Writing Equations from a Graph.

--Calculate the Slope

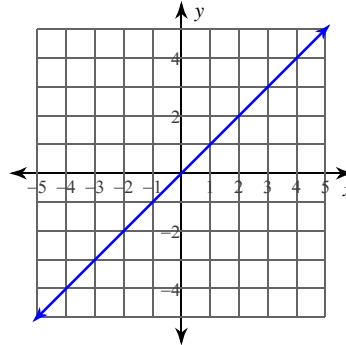
--Observe the y-intercept

--Write the equation ($y = mx + b$)

1)



2)



Skill #19 Writing Equations from slope and y-intercept.

3) Slope = $\frac{1}{4}$, y-intercept = -5

4) Slope = $-\frac{1}{3}$, y-intercept = -2

Skill #20--Writing Equations from slope and a point.

--Use Point-Slope-Form $y - y_1 = m(x - x_1)$

5) Slope = 9 , y-intercept = 4

6) Slope = -3 , y-intercept = 5

Skill #21--Writing Equations from 2 points.

--Calculate the Slope.

--Use Point-Slope-Form $y - y_1 = m(x - x_1)$

7) through: $(-3, 0)$ and $(0, 1)$

8) through: $(-5, -4)$ and $(4, -3)$