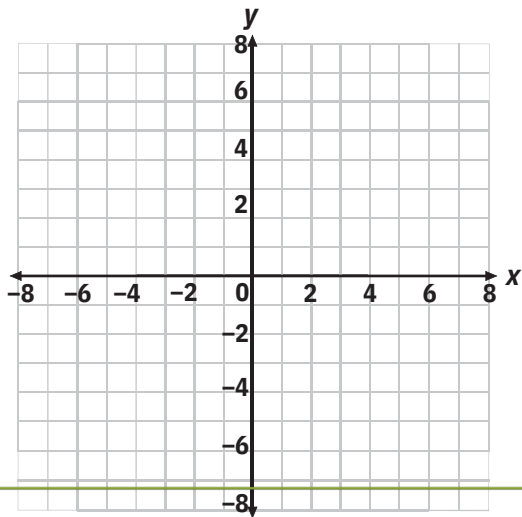# Graph Linear Functions Using Tables
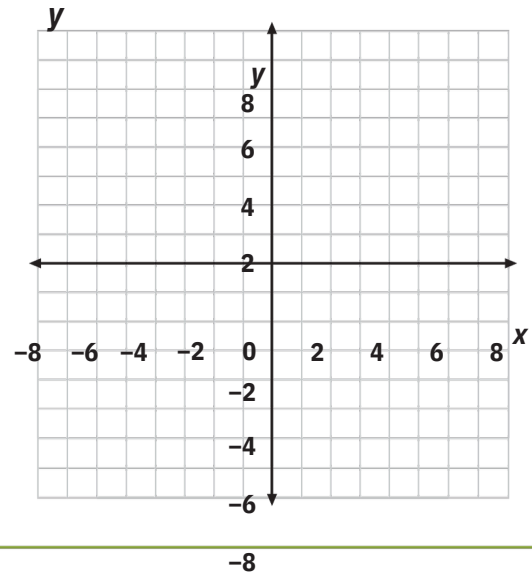
Each problem below gives a linear function in slope-intercept form. Fill in the y-values in each table by evaluating the function at each given x-value. Then graph the function by plotting the points and drawing a straight line connecting them.

$y = 2x + 1$

x	−2	−1	0	1	2
y					

$y = 3x - 2$				
x	−2	−1	0	1	2
y					

$y = -x + 3$

x	−4	−2	0	2	4
y					

$y = -2x - 8$				
x	−8	−6	−4	−2	0
y					

Graph Linear Functions Using Tables

Keep going!

Fill in the *y*-values in each table by evaluating the function at each given *x*-value. Then graph the function by plotting the points and drawing a straight line connecting them.
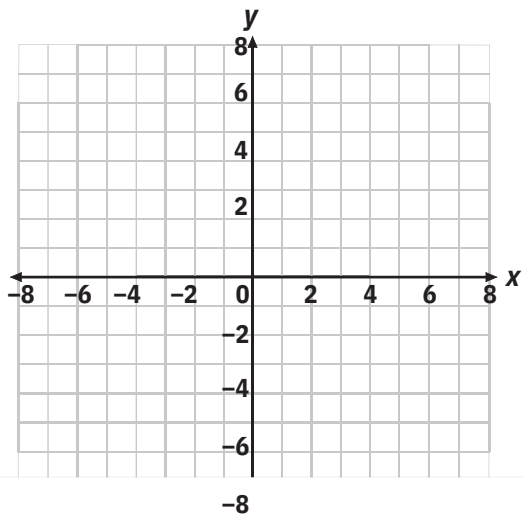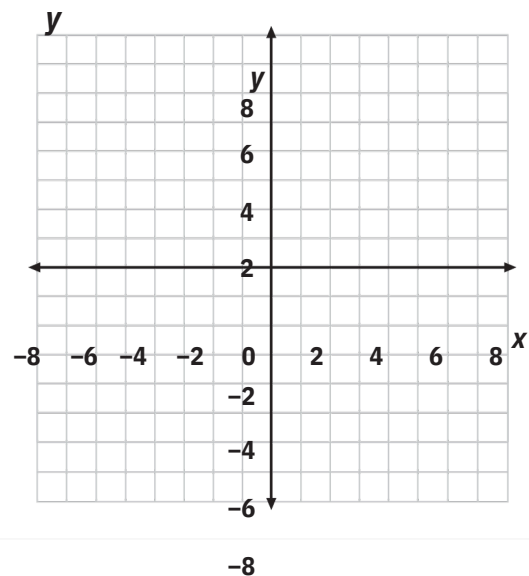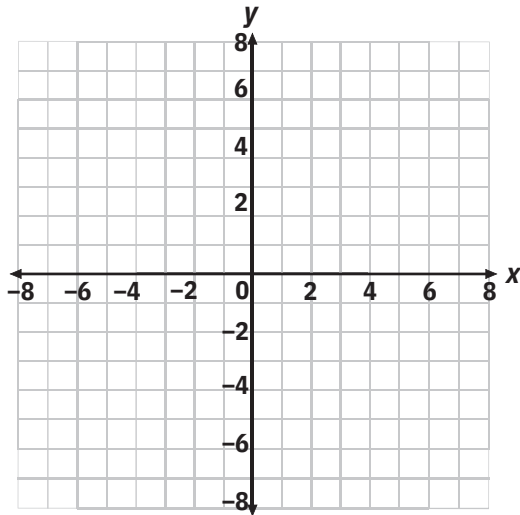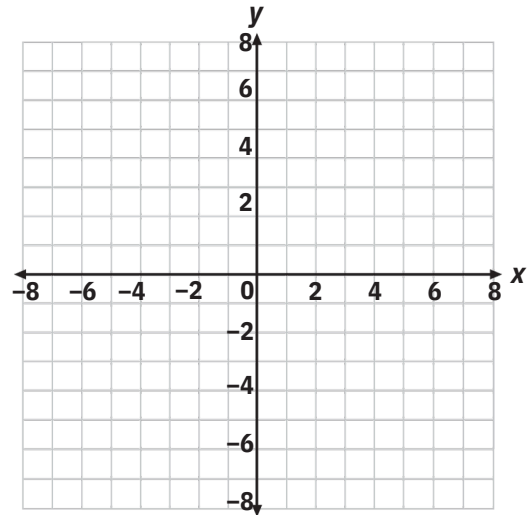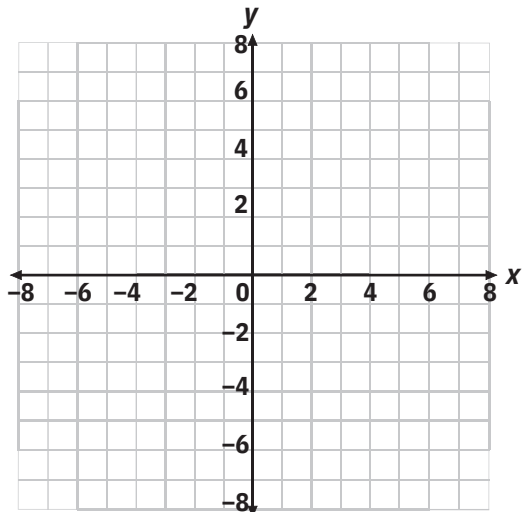
$y = \frac{1}{2}x - 5$

x	−2	0	2	4	6
y					

$y = -\frac{2}{3}x + 2$

x	−6	−3	0	3	6
y					

$y = \frac{3}{2}x - 2$

x	−4	−2	0	2	4
y					

$y = -\frac{3}{4}x - 1$

x	−8	−4	0	4	8
y					

Find more worksheets at meta-calculator.com.