

Ready to Go On?

10-1 Identifying Linear Functions

Tell whether the given ordered pairs satisfy a linear function. Explain.

1.

x	-2	-1	0	1	2
y	1	0	1	4	9

2. $\{(-3, 8), (-2, 6), (-1, 4), (0, 2), (1, 0)\}$

10-2 Using Intercepts

Use intercepts to graph the line described by each equation.

3. $2x - 4y = 16$

4. $-3y + 6x = -18$

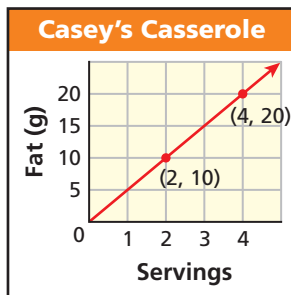
5. $y = -3x + 3$

10-3 Rate of Change and Slope

6. The chart gives the amount of water in a rain gauge in inches at various times. Graph the data and show the rates of change.

Time (h)	1	2	3	4	5
Rain (in.)	0.2	0.4	0.7	0.8	1.0

7. Find the slope of the line graphed below.



10-4 The Slope Formula

Find the slope of each line. Then tell what the slope represents.

