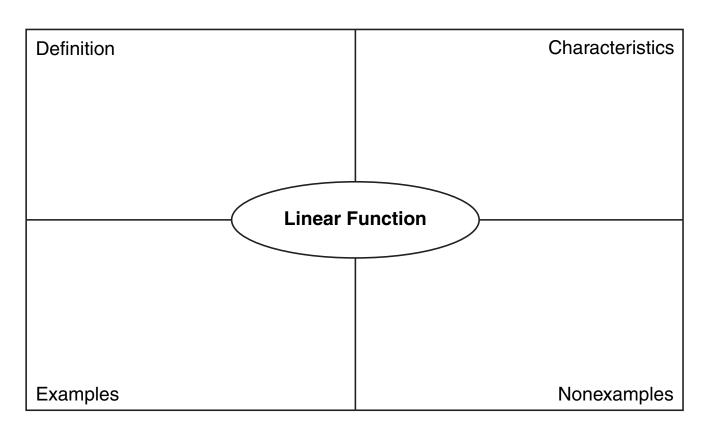


7. Get Organized Complete the graphic organizer for linear functions. (p. 109).







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Characteristics Definition A function that can be written The graph is a nonvertical line. x and y are to the first power. in the form y = mx + b, where x is the independent variable and *m* and *b* are real numbers. **Linear Function** $y = 2x^2$ y = 2x + 7 $y = \frac{1}{x} - 4$ $\sqrt{x} = y + 1$ y = -3x - 42x + 56 = 10 $\frac{x-y}{2}=1$ $2^4 = 8$ **Examples** Nonexamples