Linear Nonlinear Functions

DIRECTIONS: First, cut out each of the cards on pages 1 and 2. Then, sort the cards into two groups depending on whether they represent linear functions or nonlinear functions. Use the two title cards to help you organize the groups.

## Linear Functions

Nonlinear Functions

Function A
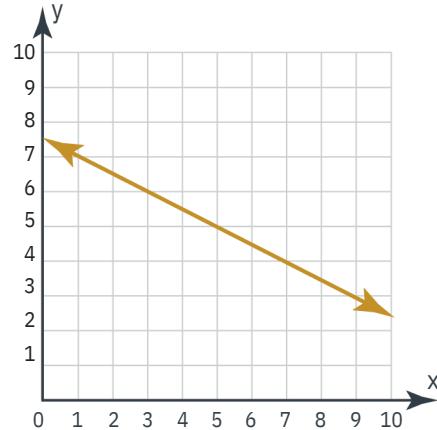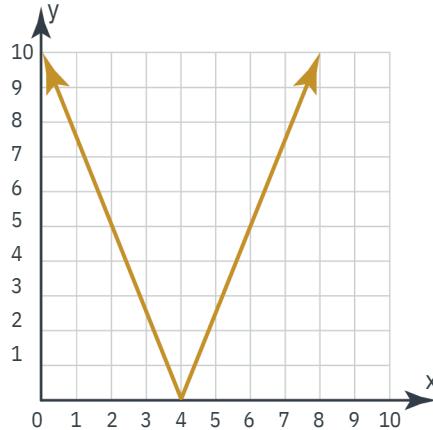
Function B

Function C
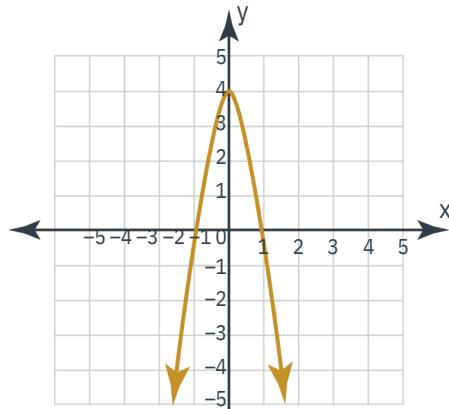
Function D

Function E

Function F

Find more worksheets at meta-calculator.com.
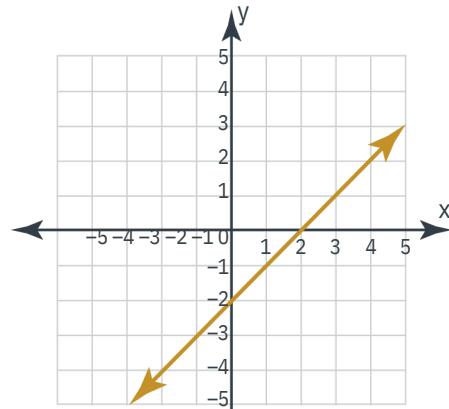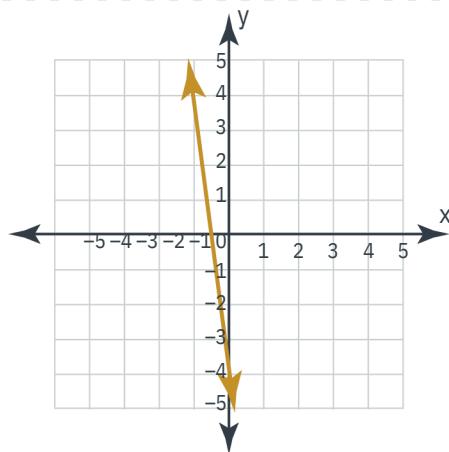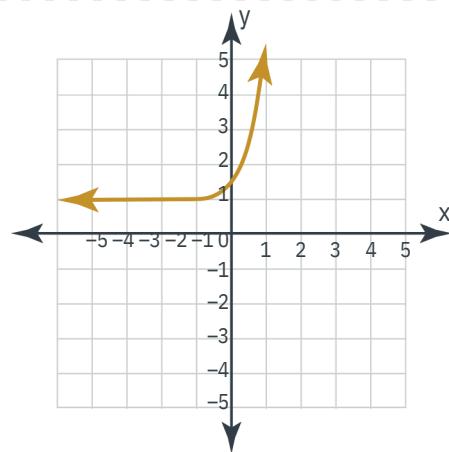
Linear   Nonlinear Functions

CARD SORT!

Keep going! Cut out the remaining cards below. Then, continue sorting the cards into two groups depending on whether they represent linear functions or nonlinear functions.

Function G

x	y
−5	−1
−3	5
0	14

Function H

x	y
2	16
3	81
4	256

Function I

x	3	5.5	8.5
y	48	88	136

Function J

x	5	6	7
y	25	36	49

Function K

x	y
−8	$-9\frac{2}{3}$
−3	$6\frac{2}{3}$
12	$11\frac{2}{3}$

Function L

x	5	3	1
y	3	$7\frac{1}{2}$	12

Function M

$$y = 5x^2$$

Function N

$$y = -3x + 2.5$$

Function O

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

Function P

$$2y = 8(3x - 1)$$

Function Q

$$\frac{1}{2}x - 6 = y + 5$$

Function R

$$\sqrt{9x} = y$$