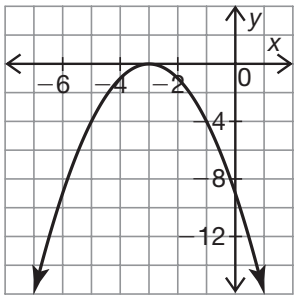
A



B

$f(x) = x^2 + 2x + 5$

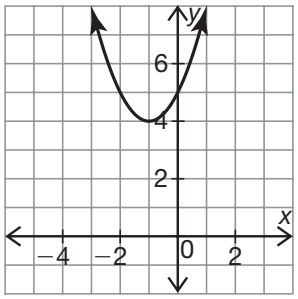
C

x	y
1	2
2	4
3	6
4	8
5	10

D

$f(x) = x^2 + 6x + 5$

E



F

$f(x) = -(x^2 + 6x + 9)$

G

$f(x) = 2x$

H

$f(x) = (x + 5)(x + 1)$

I

$f(x) = -(x + 3)(x + 3)$

J

A relation with a line of symmetry at $x = -3$, a vertex that is a maximum value, and a graph that opens down.

K

Louise heard a rumor. She tells the rumor to two people the next day. The two people that she told then tell two more people the following day, who each then go on to tell two more new people the rumor the following day. The relationship between the days that have passed and the number of new people who hear the rumor that day.

L

x	*y*
−3	8
−2	5
−1	4
0	5
1	8

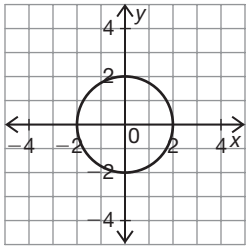
M

x	*y*
−4	−1
−3	0
−2	−1
−1	−4
0	−9

N

$y = 2^x$

O



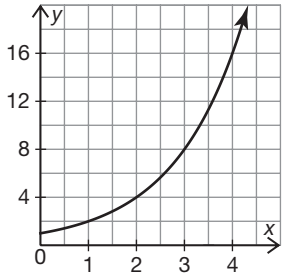
P

$y = (x + 3)^2 - 4$

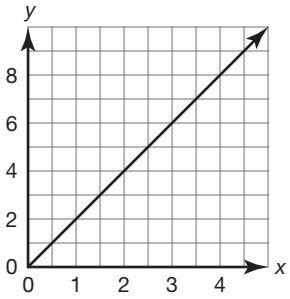
Q

x	*y*
0	1
1	2
2	4
3	8
4	16

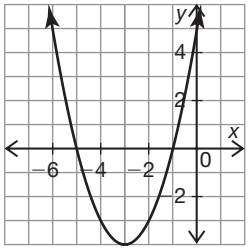
R



S



T



U

Erika is worried that her secret got out. On the first day she and her best friend were the only people who knew about the secret. But now, two new people are finding out the secret every day. The relationship between the number of days that have passed and the total number of people who know about her secret.

V

$x^2 + y^2 = 4$

W

x	*y*
−5	0
−4	−3
0	5
1	12
2	21

X

x	*y*
−1	1.73
−1	−1.73
0	2
0	−2
1	1.73
1	−1.73