

TEST NAME: **NAMSIM11314F-IF.1**

TEST ID: **130113**

GRADE: **09**

SUBJECT: **Mathematics**

TEST CATEGORY: **My Classroom**

Student: _____

Class: _____

Date: _____

1. In which equation is y **not** a function of x ?

A. $x = 2y - 4$

B. $x = y^2 + 1$

C. $x^2 = y - 5$

D. $x^2 = 2y + 6$

2. In which table is y a function of x ?

A.

x	y
-2	-2
-1	-1
0	0
1	1
2	2

B.

x	y
-2	-2
-1	-1
-2	0
-1	1
-2	2

C.

x	y
2	-2
-1	-1
0	0
1	1
2	2

D.

x	y
1	-9
0	8
0	-7
-1	6
2	-5

3. In which table is y a function of x ?

A.

x	y
-1	5
2	6
0	3
-1	-2

B.

x	y
0	3
1	5
-1	2
1	5

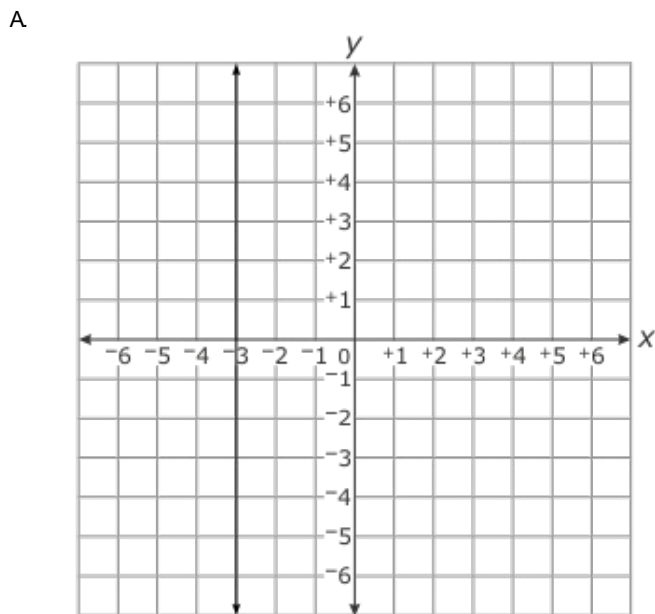
C.

x	y
3	-1
-2	4
3	0
2	4

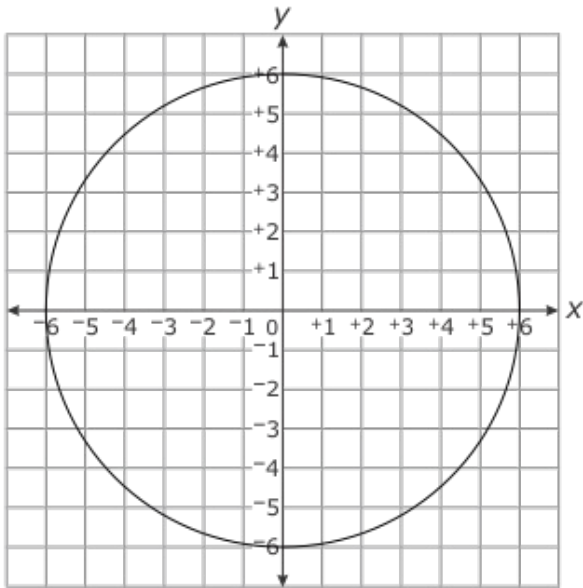
D.

x	y
2	6
2	-1
1	2
0	0

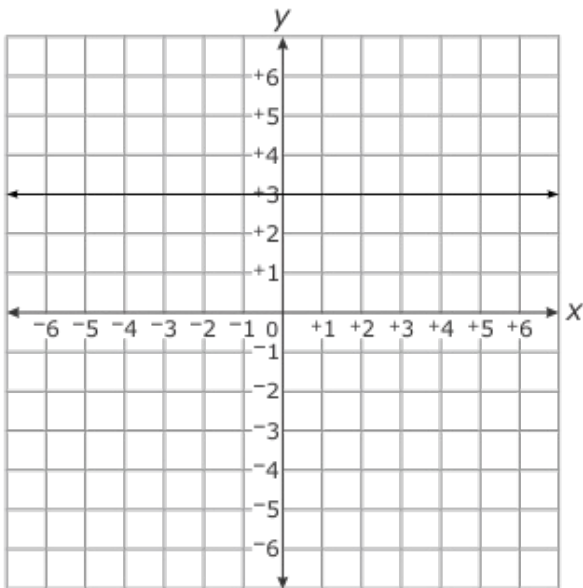
4. In which graph is y a function of x ?



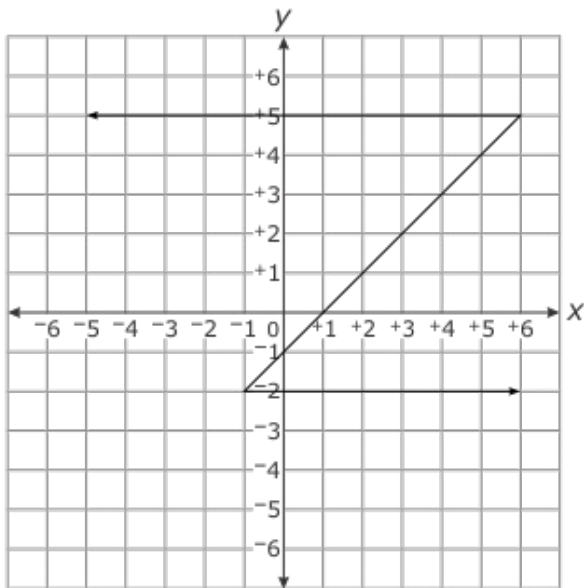
B.



C.

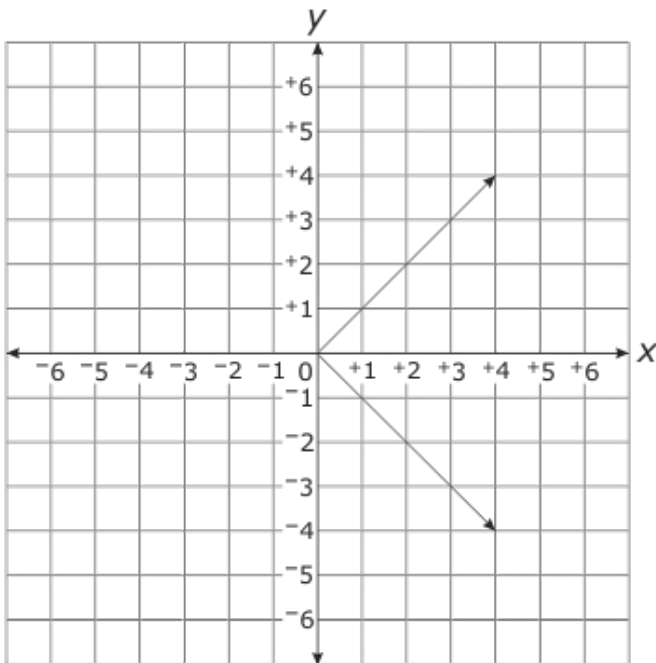


D.

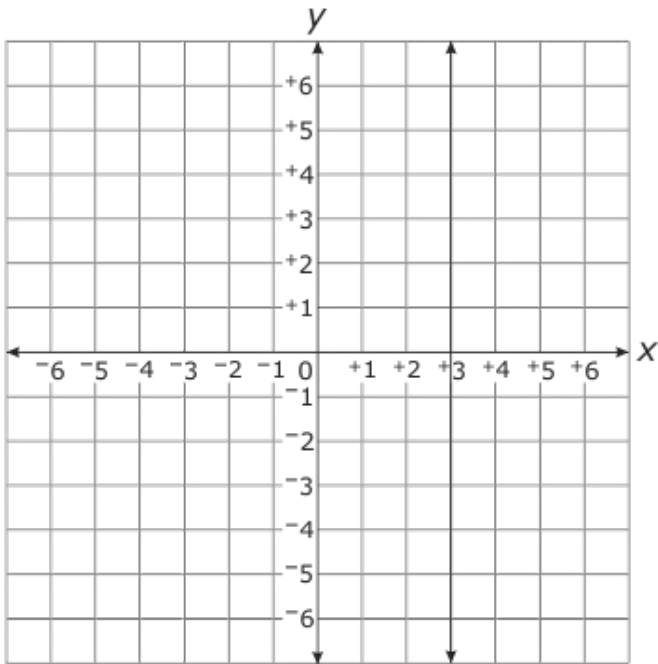


5. In which graph is y a function of x ?

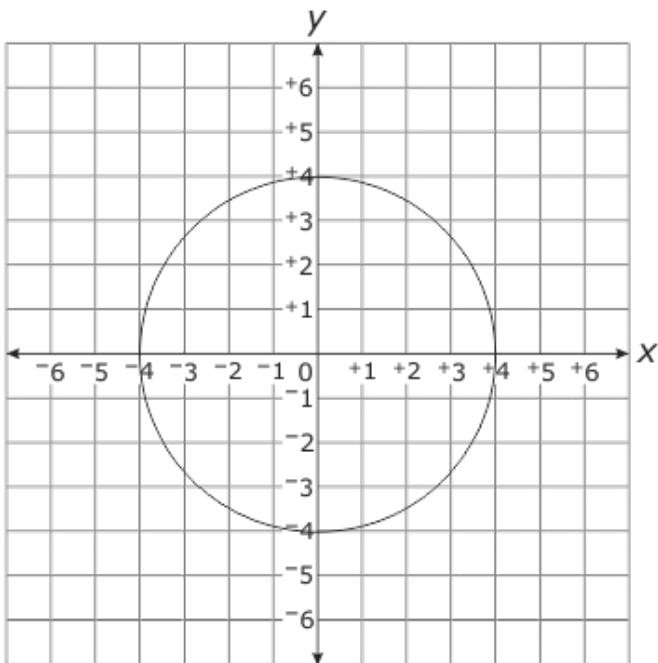
A.



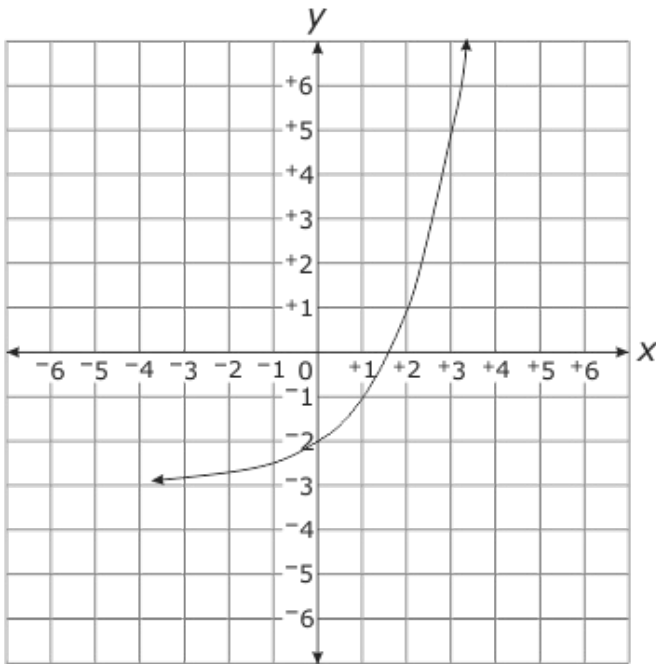
B.



C.



D.



6. In which equation is y **not** a function of x ?

A. $y = 2x^2 - 5$

B. $y^2 = x + 6$

C. $-4x + y = -3$

D. $y = \frac{2}{x+3}$

7. In which table is y a function of x ?

A.

x	y
-3	4
-1	7
1	10
-3	13

B.

x	y
-2	3
0	4
2	3
4	6

C.

x	y
-4	-8
-1	-10
-6	-12
-4	-14

D.

x	y
2	-5
2	-3
2	2
2	6

8. In which choice is y **not** a function of x ?

A. $y = 8x + 6$

B. $y = 3^x$

C. $y = 6$

D. $x = -5$

9. In which set of ordered pairs is y a function of x ?

- A. $\{(1.25, 6), (3, 6), (5.75, 6), (11, 6)\}$
- B. $\{(2, -15), (3, -12), (4, -10), (4, -8)\}$
- C. $\{(6, 1), (3, 8), (3, 9), (6, 12)\}$
- D. $\{(6.5, 10), (6.5, 0), (6.5, 9), (6.5, 12)\}$

10. In which choice is y **not** a function of x ?

- A. $(2, -3), (-2, 3), (3, -2), (-3, 2)$
- B. $(-2, 3), (-3, 4), (-4, 5), (-5, 6)$
- C. $(3, -2), (-3, 2), (3, -3), (2, -2)$
- D. $(1, -1), (-1, 2), (2, -3), (-3, 4)$

11. In which equation is y a function of x ?

- A. $3x^2 + y = -4$
- B. $2x + y^2 = 16$
- C. $4x^2 + 4y^2 = 36$
- D. $5x^2 - y^2 = 28$

12. In which equation is y a function of x ?

- A. $y = x^2 + 2x + 1$
- B. $x = (y - 2)^4$
- C. $x = (y + 3)^2$
- D. $(x - 3)^2 + (y + 4)^2 = 9$

13. In which choice is y **not** a function of x ?

A.

x	y
-3	3
-2	6
-1	9
3	12
5	15

B.

x	y
-5	-9
-2	-3
0	1
4	9
6	13

C. $x = y^2 - 2$

D. $y = 2x^2 - 5x + 3$

14. In which choice is y a function of x ?

A.

x	y
2	0
2	1
2	2
2	3

B. $y = 4x^2$

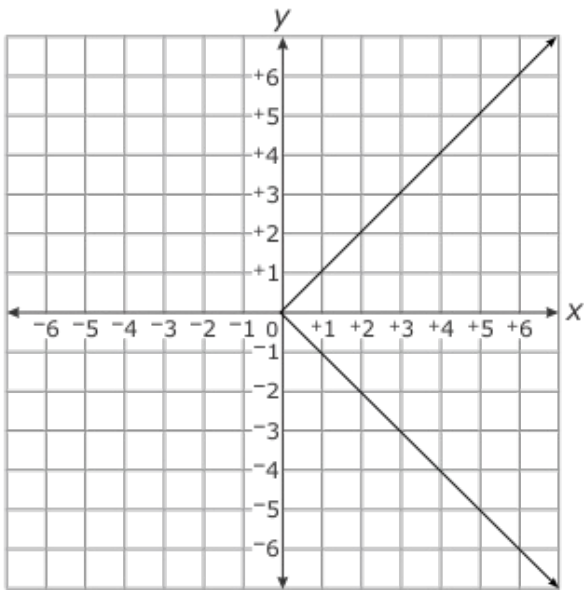
C. $x = 4y^2$

D.

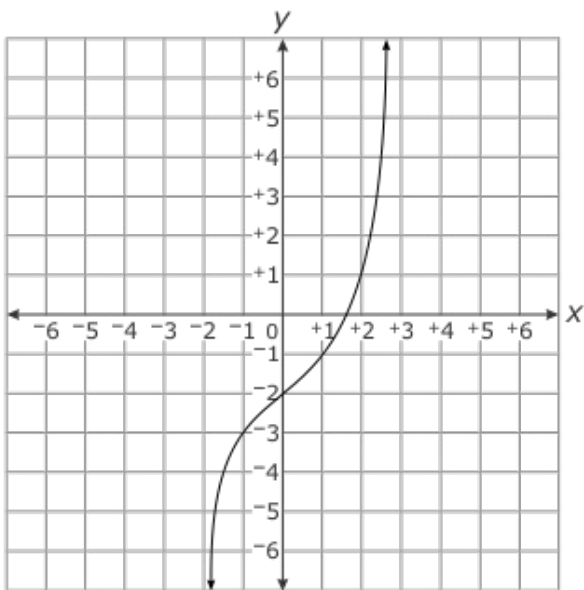
x	y
3	10
1	4
0	0
1	5

15. In which graph is y a function of x ?

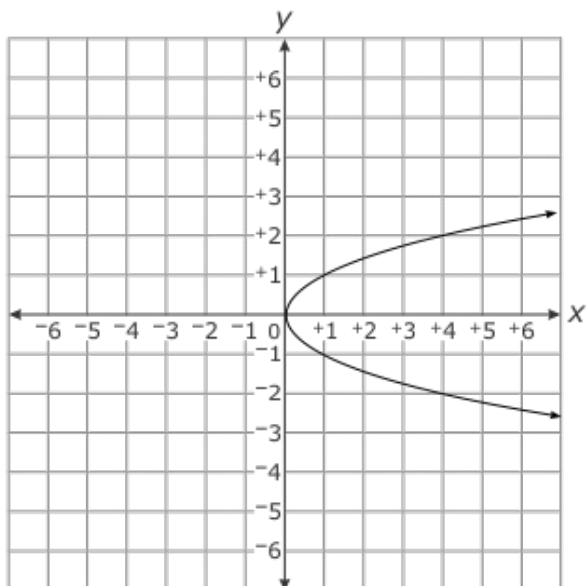
A.



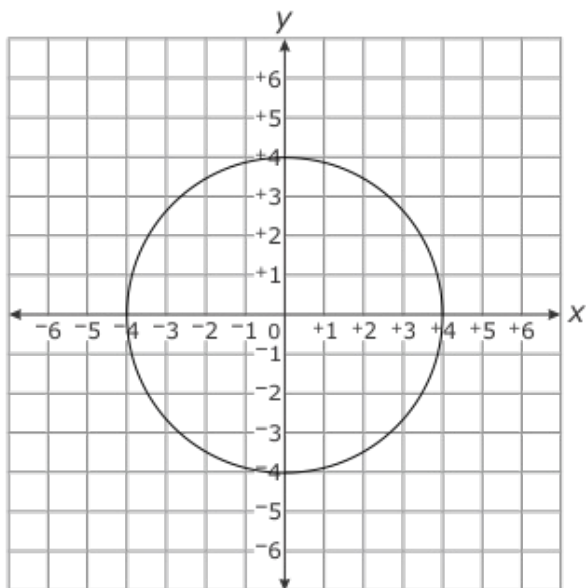
B.



C.



D.



16. In which table is y a function of x ?

A.

x	y
1	1
1	2
1	3
1	4

B.

x	y
1	3
2	4
1	5
5	6

C.

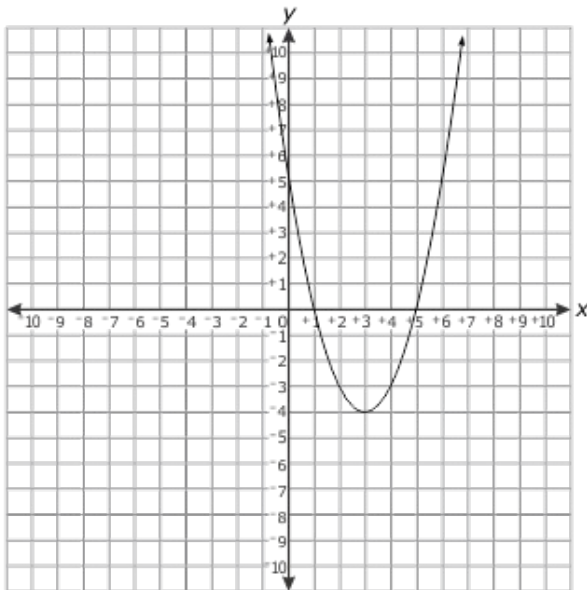
x	y
-5	7
-2	6
-2	5
0	0

D.

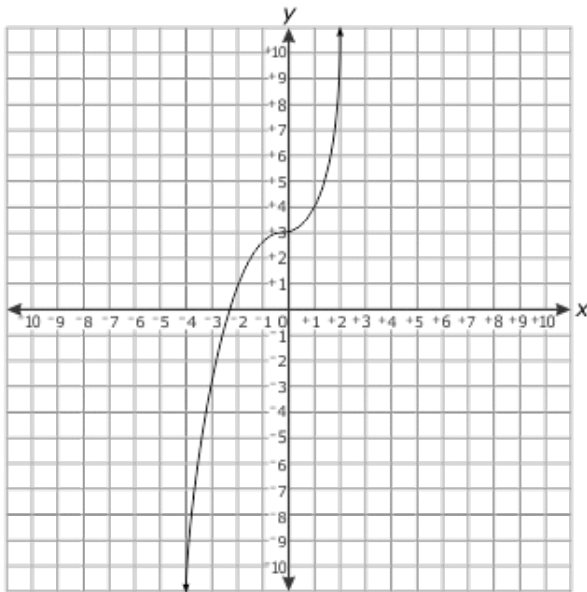
x	y
5	-1
4	-2
3	-3
2	-4

17. In which graph is y **not** a function of x ?

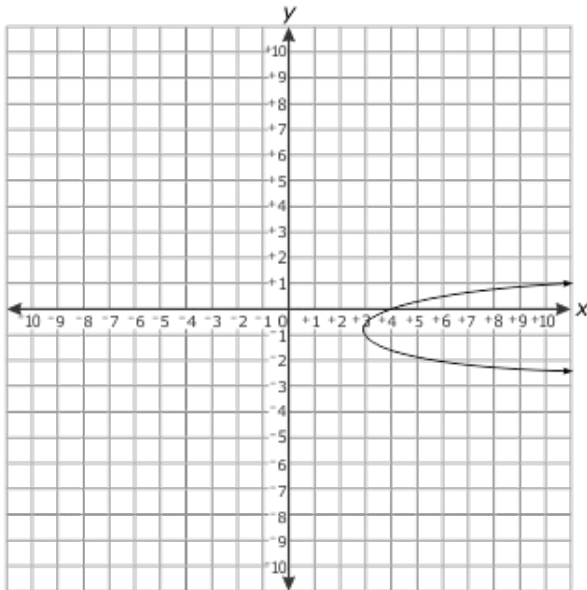
A.



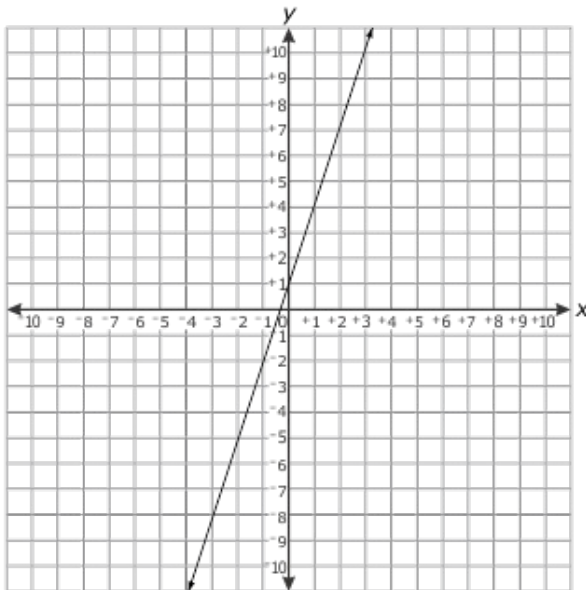
B.



C.



D.



18. In which equation is y a function of x ?

- A. $x = 5$
- B. $x^2 + y^2 = 9$
- C. $x - y^2 = y$
- D. $y - x^2 = 5$

19. In which choice is y a function of x ?

- A. $(2, -1), (3, -1), (6, -2)$
- B. $(3, -5), (5, -1), (5, -2)$
- C. $(2, 2), (2, 4), (4, 2)$
- D. $(1, 1), (2, 1), (1, 2)$