

FUNCTION RULES, TABLES, AND GRAPHS

Three Views of a Function:

1. Rule

2. Table

3. Graph

Completing a Function Table: Model each function with a table.

1. $f(x) = -3x$

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

2. $f(x) = \frac{1}{4}x$

X	$f(x) = \frac{1}{4}x$	$f(x)$

3. $y = 8 - x$

X	$y = 8 - x$	$f(x)$

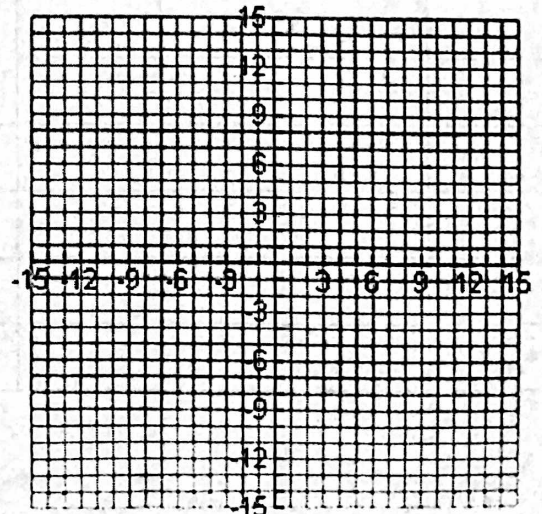
Graph the following functions:

Steps -

- 1.
- 2.
- 3.

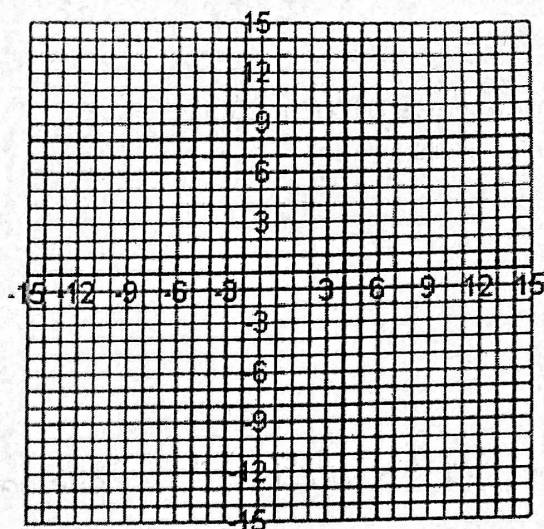
1. Graph: $y = x + 3$

x	$y = x + 3$	y	(x, y)



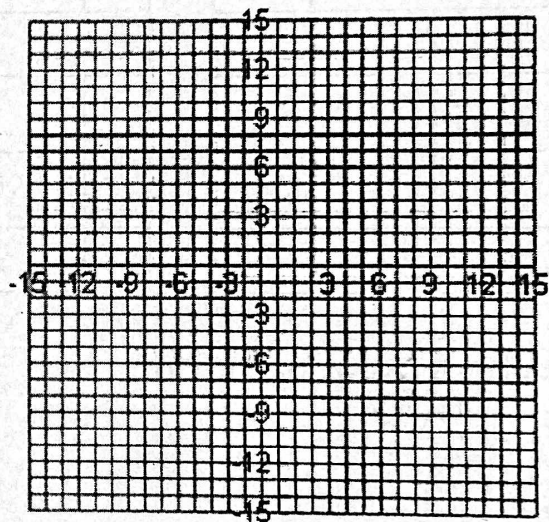
2. Graph: $y = x^2$

x	$y = x^2$	y	(x, y)



3. Graph: $y = -3x - 1$

x	$y = 3x - 1$	y	(x, y)



4. Graph: $y = x^2 - 4$

x	$y = x^2 - 4$	y	(x, y)

