Linear Graph

Set of (x,y) points satisfying equation or table

Slope Sign
(+ or -)

$+$

$-$

0

Slope Number
(absolute value)

$\mathrm{D}y \quad \dfrac{|\mathrm{D}y|}{|\mathrm{D}x|}$

$\mathrm{D}x$

y-Intercept Sign
(+ or -)

$+$
$-$

y-Intercept Number
(absolute value)
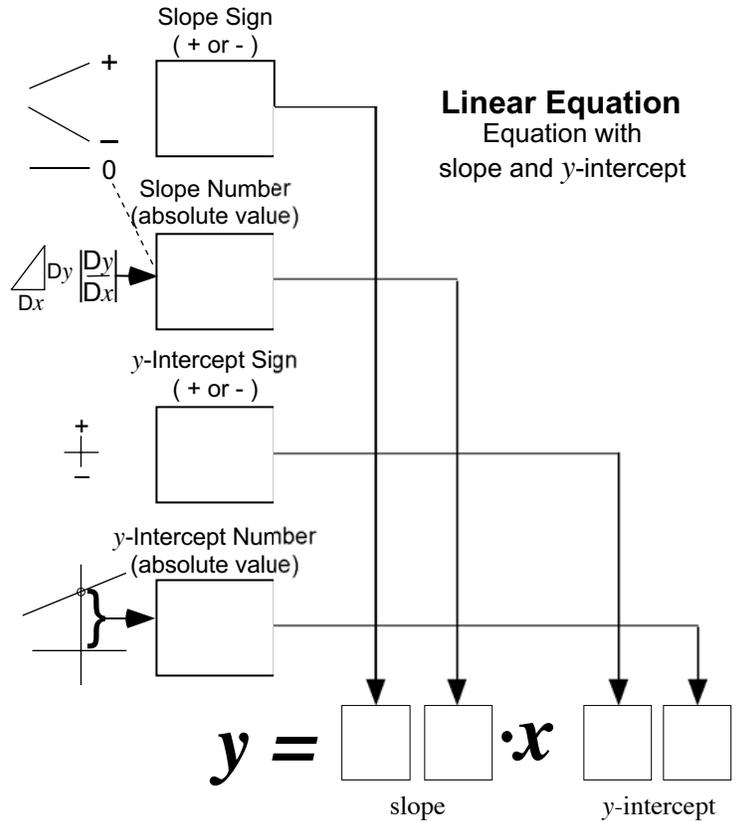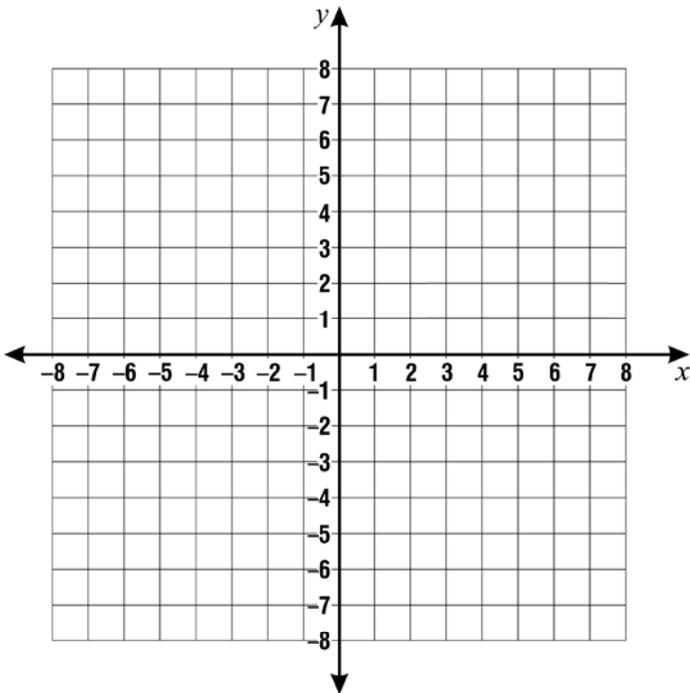
Linear Equation
Equation with
slope and y-intercept

$$y = \boxed{}\,\boxed{}\cdot x \ \boxed{}\,\boxed{}$$

slope y-intercept

Rewrite the
equation:

Linear table
Table of x-y pairs (points)
computed from equation

$$(x\ ,\ y)$$

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