

1. Equivalent Linear Equations 3

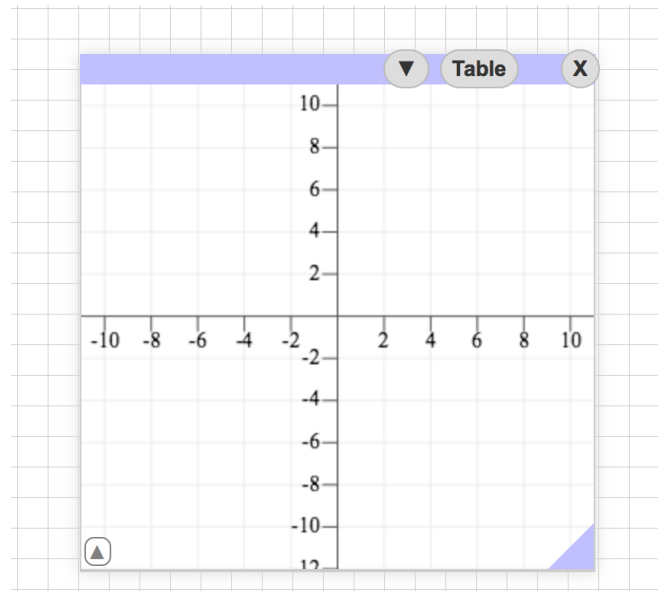
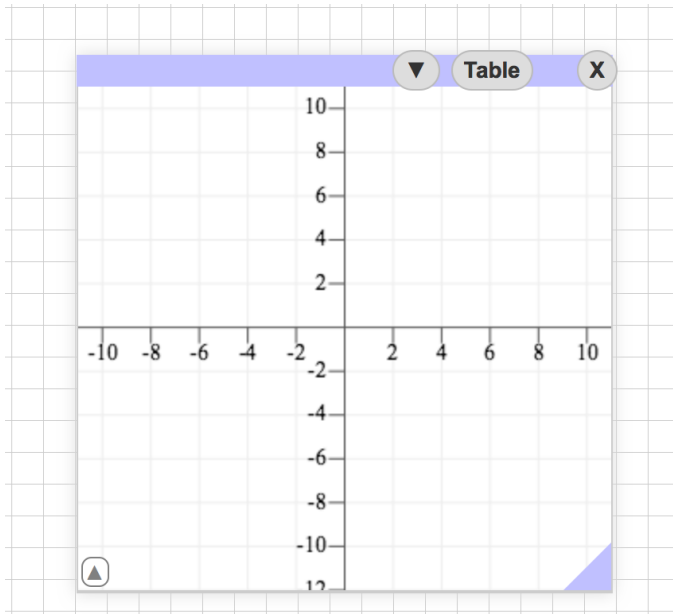
- A. The equation you see below is in “Slope–Intercept Form”
- B. Convert it to Standard Form ($Ax + By = C$). Write your new equation in the space below.
- C. Graph both equations on their own coordinate plane.

SLOPE-INTERCEPT FORM

$y = -4x + 6$

Show your work:

STANDARD FORM



2. Matching Forms of an Equation

- A. Match all three forms of the equation.
- B. Rearrange the equations in the Slope-Intercept column to line up with their matching Point-Slope equations.
- C. Rearrange the equations in the Standard Form column to line up with their matching Point-Slope equations.

A. $y - 3 = 5(x - 4)$

B. $y = -4x + 1$

C. $-5x + y = -1$

D. $y - 5 = -4(x + 1)$

E. $y = 5x - 1$

F. $4x + y = 1$

Write correct equation choice (i.e. A, B, C, D etc.) in space provided below:

Point–Slope Form

Slope–Intercept Form

Standard Form

Point–Slope Form

Slope–Intercept Form

Standard Form
