

Standard Form Homework

1. Write each of the following equations in standard form.

(A) $y = 3x + 7$

(B) $2y = 3x - 4$

$-3x + y = 7$

$-3x + 2y = -4$

(C) $y - 50 = 8(x - 4)$

(D) $6x - 8 = 2y + 6$

$y - 50 = 8x - 32$

$6x - 2y = 14$

$-18 = 8x - y$

$8x - y = -18$

(E) $7x + 14y = 3x - 10$

(F) $3 + 9y = -x - 12$

$4x + 14y = -10$

$x + 9y = -15$

2. Find the x- and y-intercepts and use them to graph each equation.

(A) $x + y = 10$

(B) $3x - 2y = 12$

x	y
0	10
10	0

x	y
0	-6
4	0

(C) $9x + y = 18$

(D) $2x - 7y = 14$

x	y
0	18
2	0

x	y
0	-2
7	0

