

WORKSHEET 3.6 – Graphing Lines in Standard Form



Name: _____ Hour: _____ Date: _____

SECTION 1: Graph each linear function by finding the x - and y -intercepts. (3.6.A)

1) $x + y = 7$

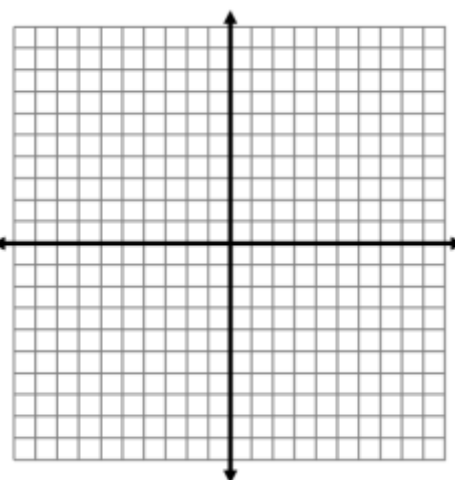
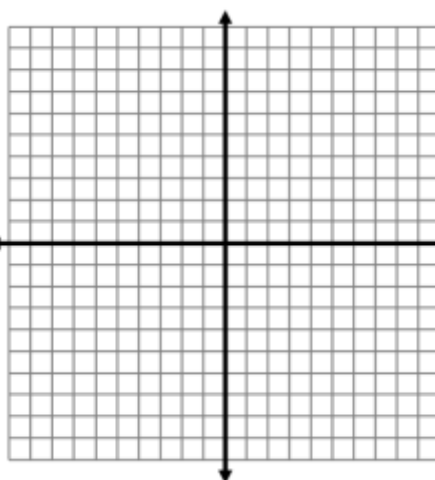
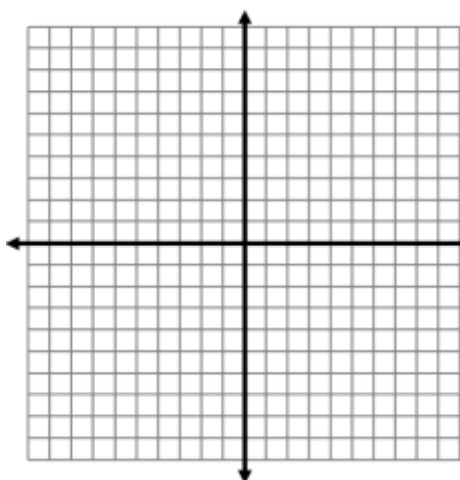
2) $x - y = -4$

3) $2x + y = 6$

x -int: _____ y -int: _____

x -int: _____ y -int: _____

x -int: _____ y -int: _____



4) $4x - 2y = -8$

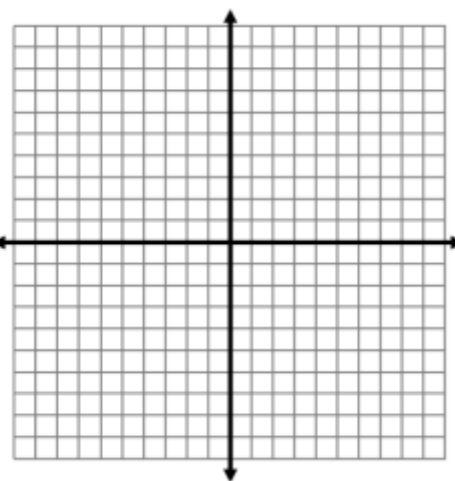
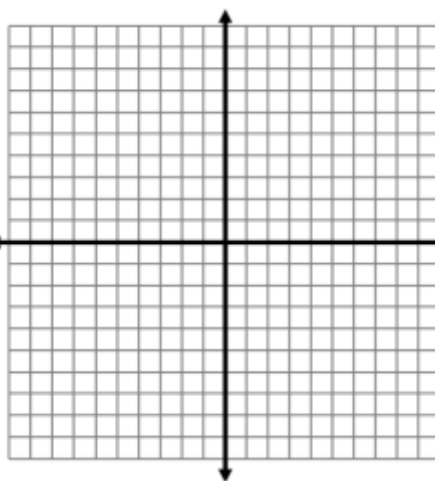
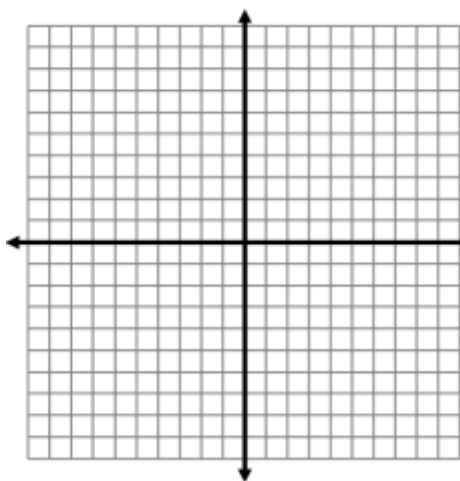
5) $7x + 4y = -28$

6) $x + 5y = 10$

x -int: _____ y -int: _____

x -int: _____ y -int: _____

x -int: _____ y -int: _____

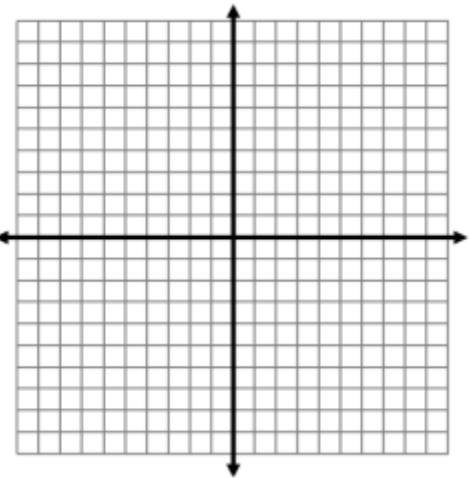
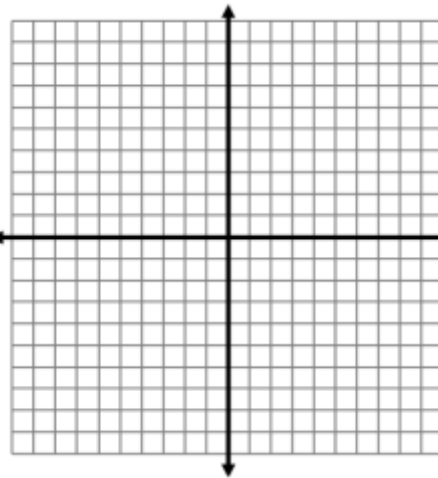
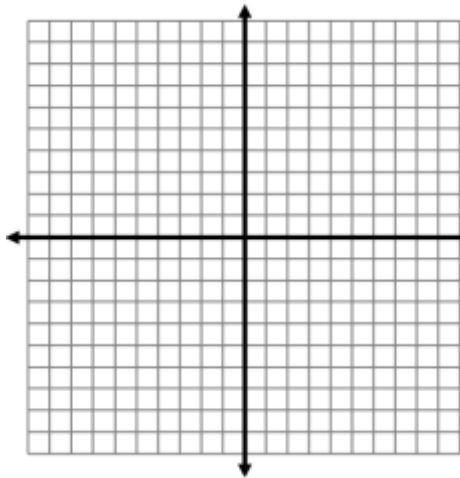


SECTION 2: Graph each linear function by converting it to Slope-Intercept Form. (3.6.B)

7) $3x + y = -7$

8) $3x + 4y = -40$

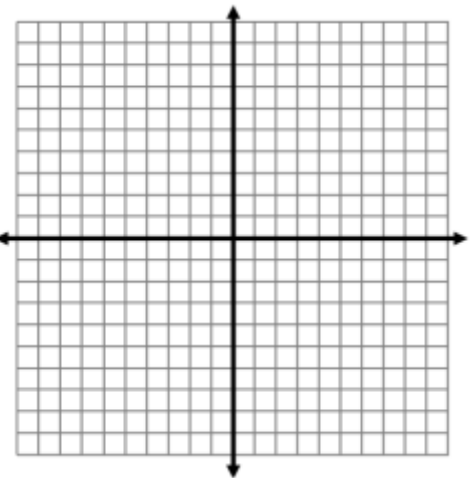
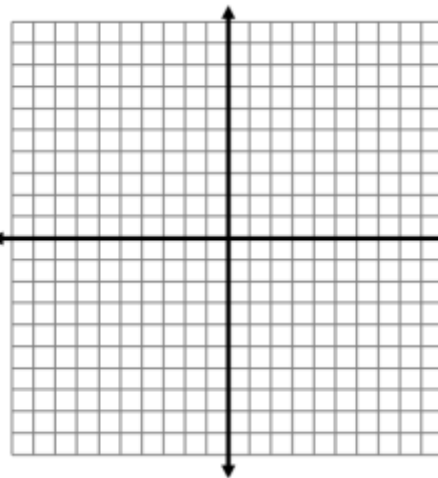
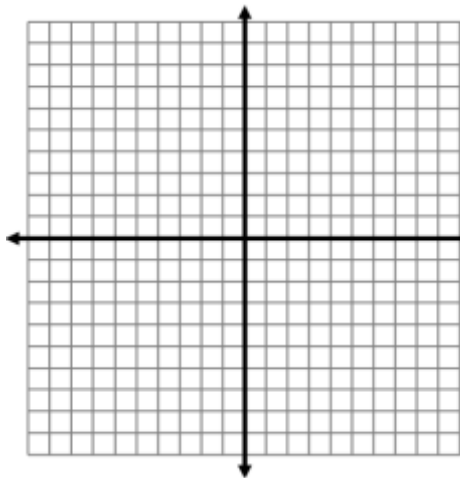
9) $x - y = 9$



10) $6x - 9y = 18$

11) $-x + 2y = 8$

12) $3x + 8y = 16$



13) $4x - 4y = -20$

14) $12x + 9y = 36$

15) $x - 8y = 40$

