Warm-up: Quiz 4.1-4.3

1.

For the equation, complete the given table.

$y = 3x$

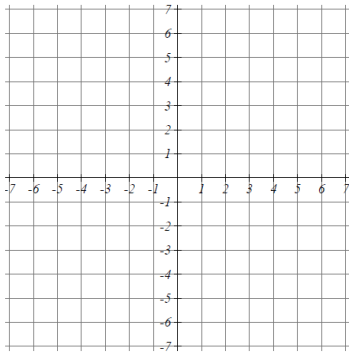| x	y
1	3
-7	
8	
9	

For the equation, complete the given table.

$x + y = 8$

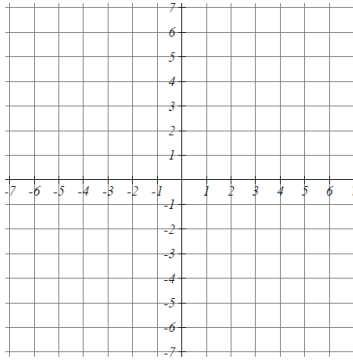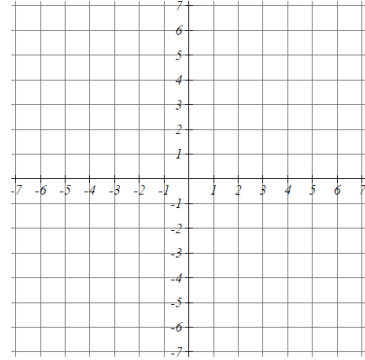| x	y
2	
4	
	0
	-6

Graph the following

$y = \dfrac{-4}{5}x + 5$

-5x + 10y = 10

y = -5

Complete the table. Leave answers as fractions.

Equation	x-intercept	y-intercept
$7x + 4y = 28$	(, 0)	(0,)
$7x + 4y = 4$	(, 0)	(0,)
$7x + 4y = 7$	(, 0)	(0,)
$7x + 4y = 2$	(, 0)	(0,)

e. Graph: $2x - 3y = -3$

Work each problem according to the instructions given.

a. Solve: $2x - 3 = -3$

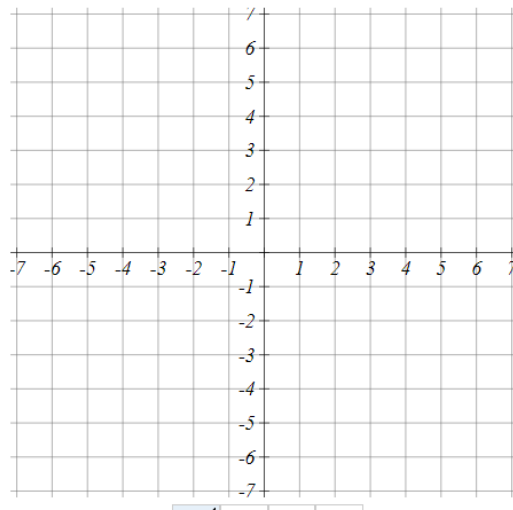$x =$ [   ]

b. Find the x-intercept: $2x - 3y = -3$

$x =$ [   ]

c. Find y when x is o: $2x - 3y = -3$

$y =$ [   ]

d. Solve for y. $2x - 3y = -3$

$y =$ [   ]

a. Graph the line that passes through the point (2, 5) and has an x-intercept at $(-3, 0)$.
b. What is the y-intercept of this line?

a.