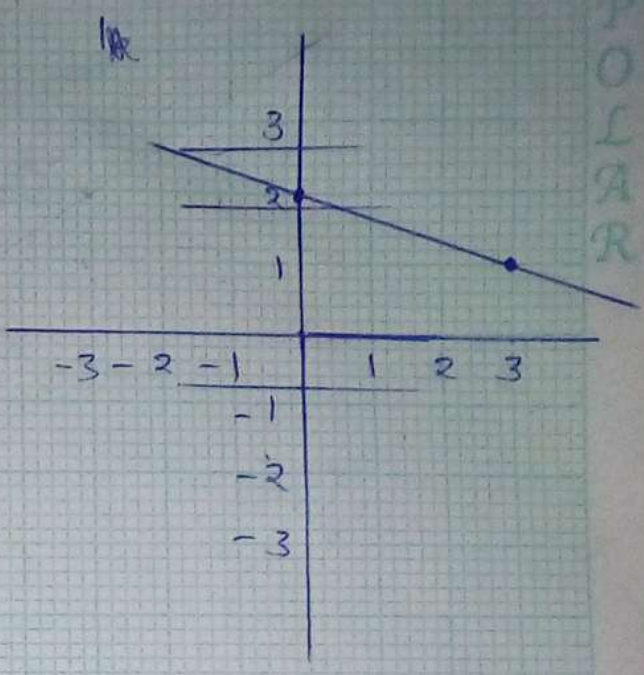
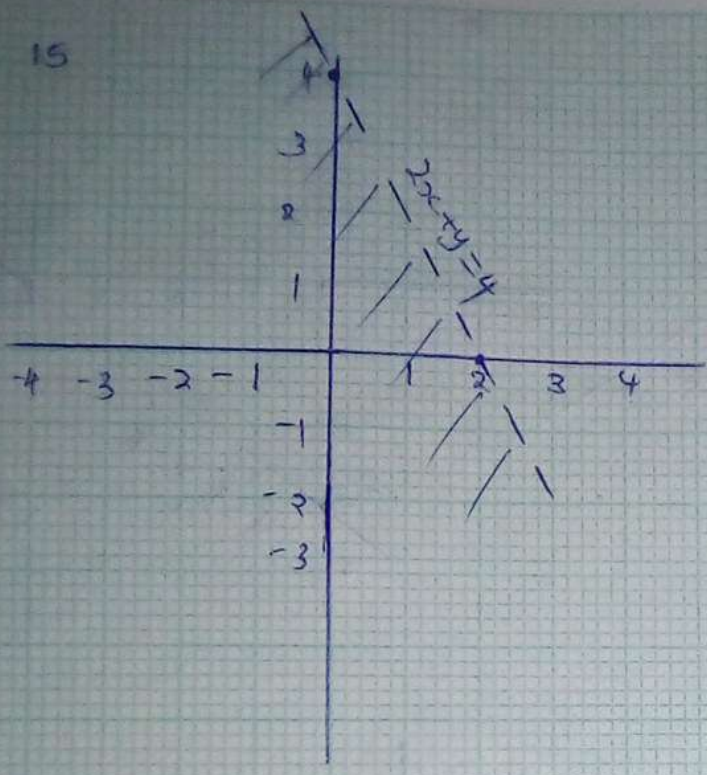
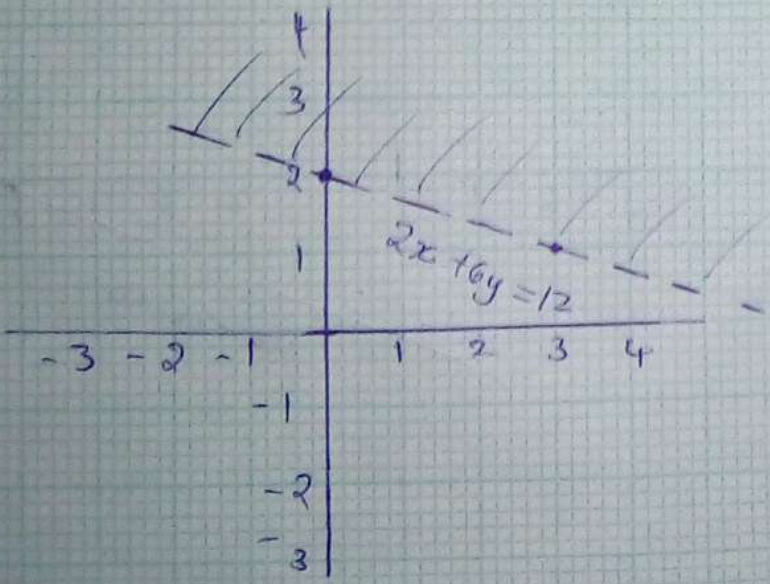


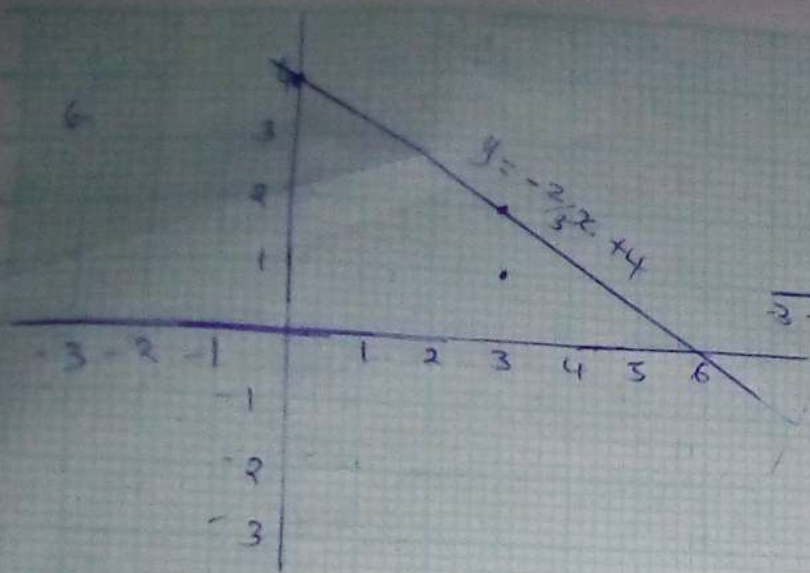
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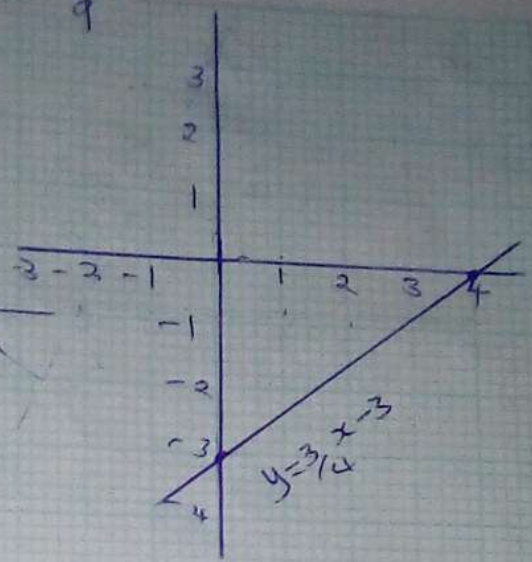
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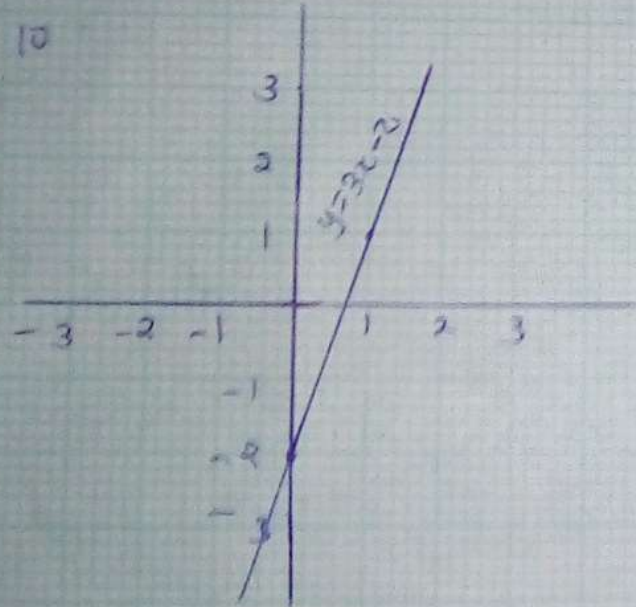
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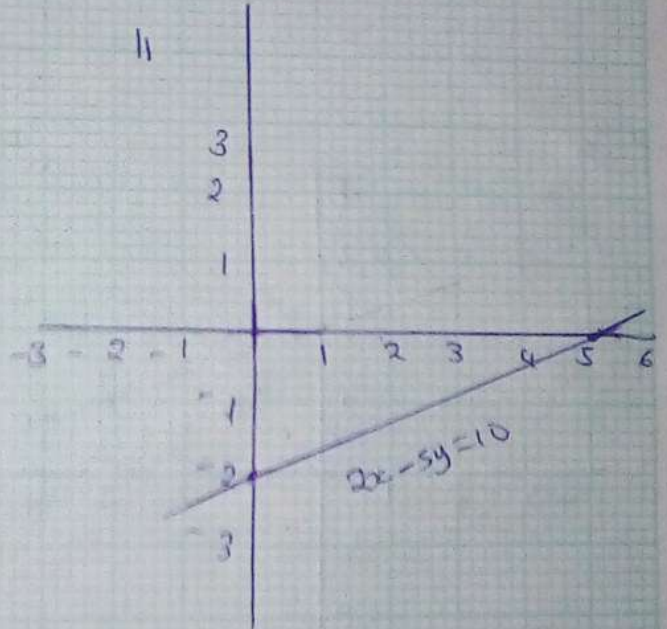
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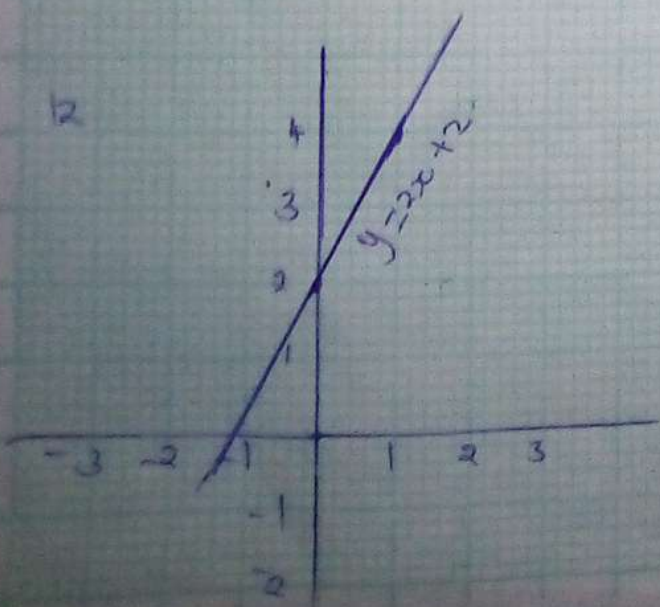
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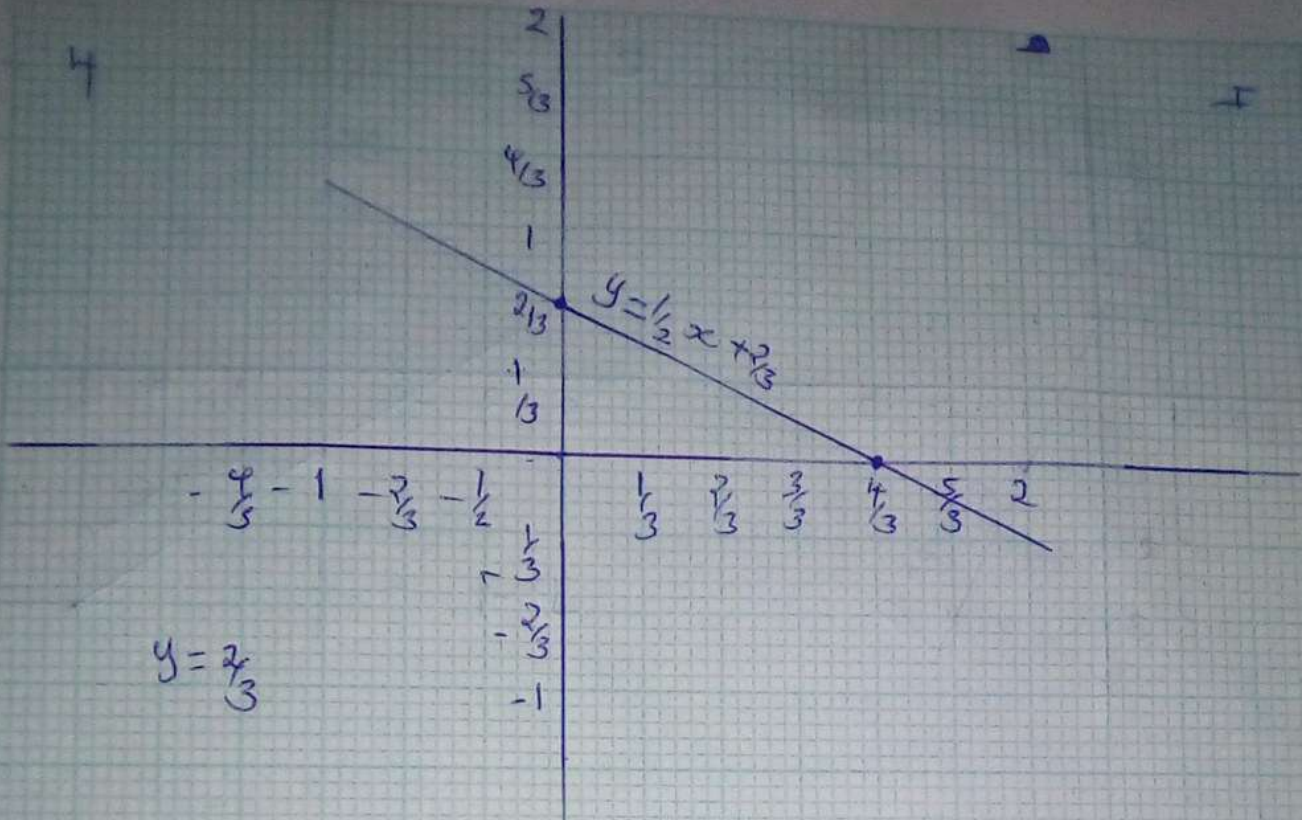
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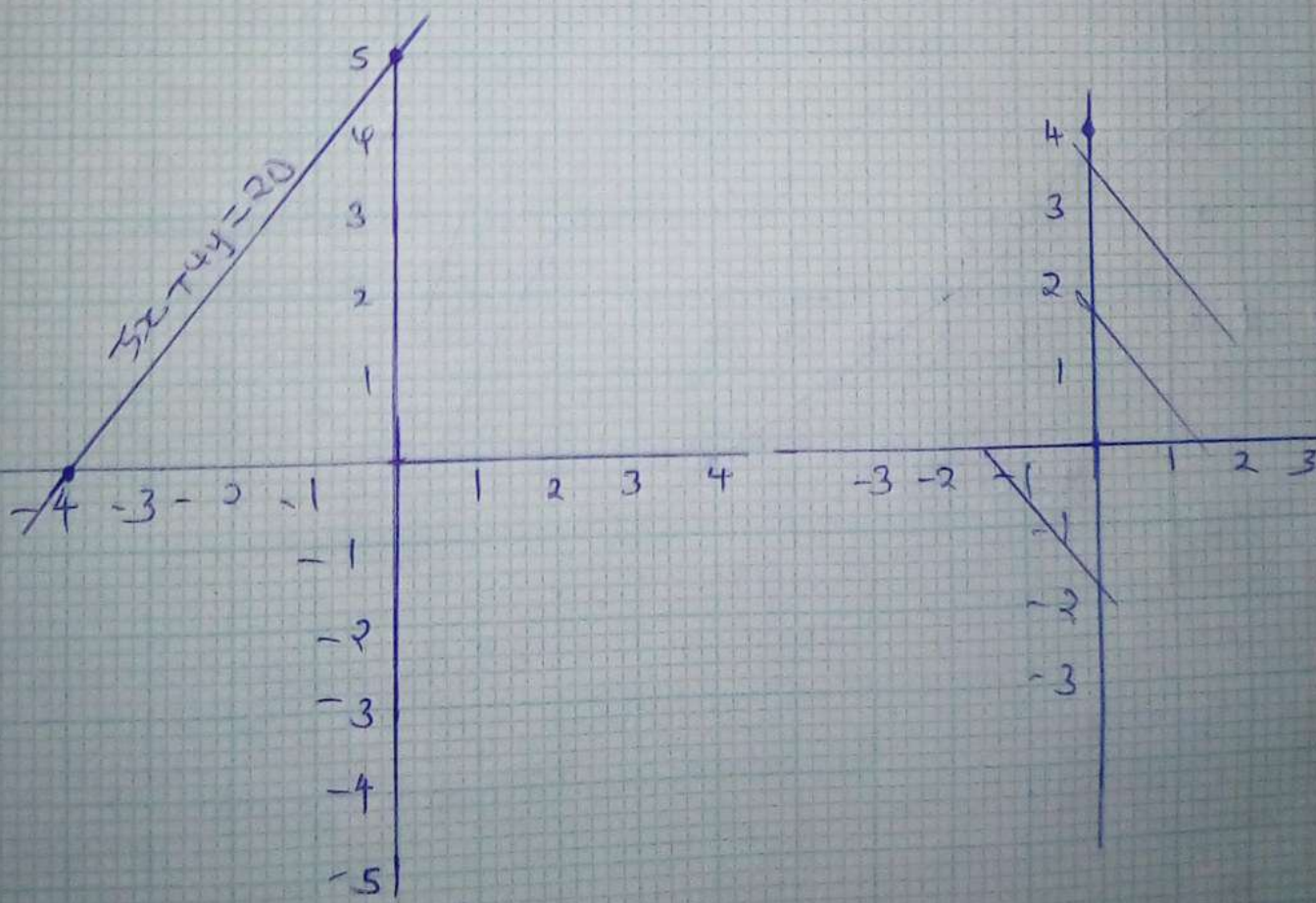
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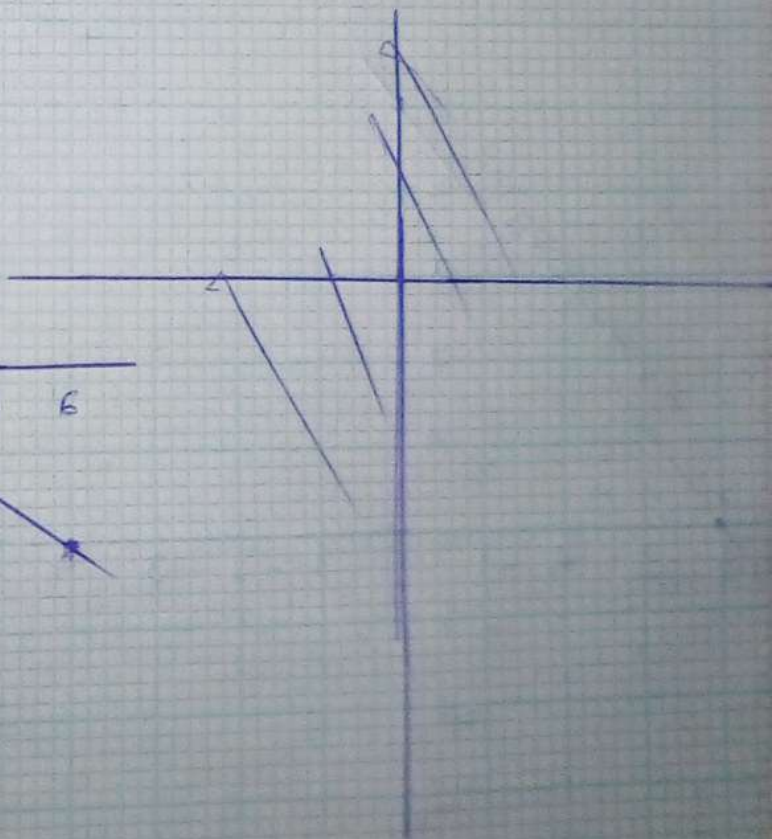
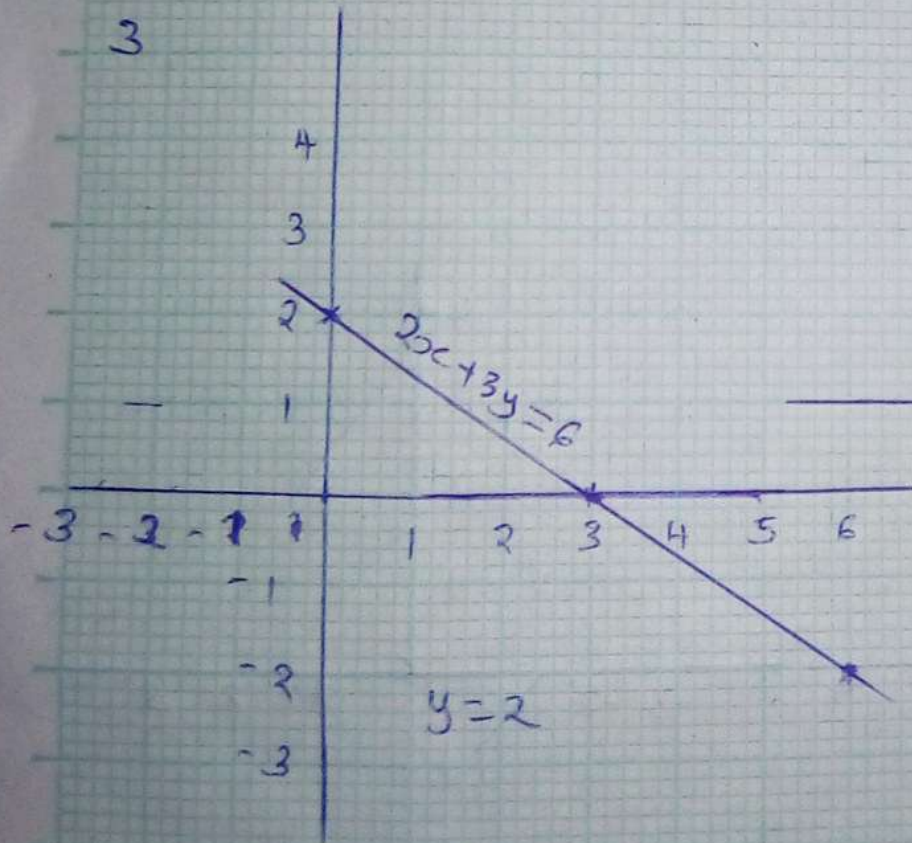
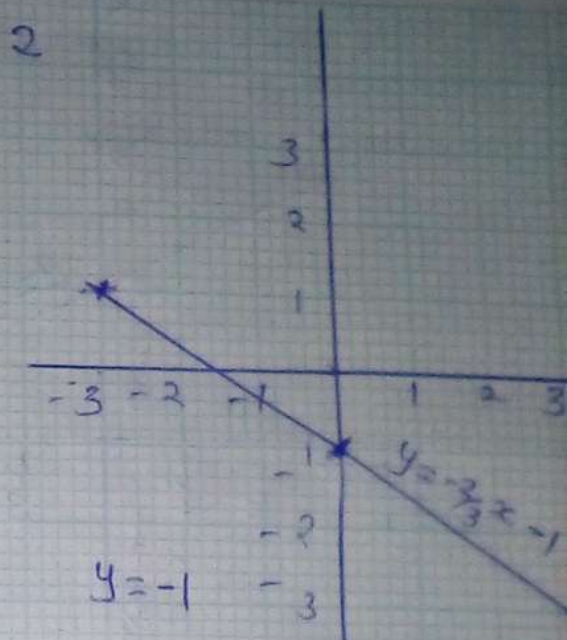
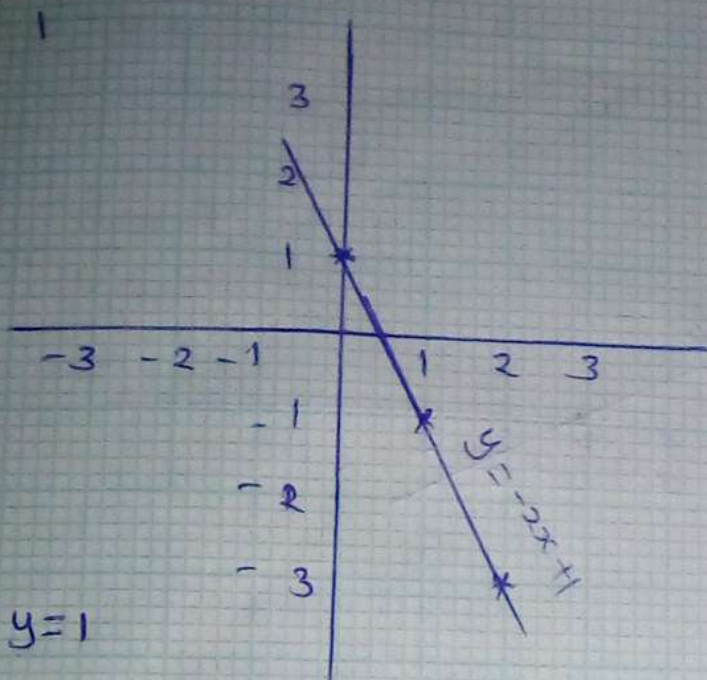


4



5





12

9

$$-2x + y = 2$$

$$y = 2x + 2$$

$$\text{slope} = 2$$

$$\text{y-intercept} = 2$$

$$\begin{array}{c|c} x & y \\ \hline 2 & 4 \end{array}$$

15

$$2x + y = 4$$

$$\begin{array}{c|c} x & y \\ \hline 4 & 0 \end{array}$$

16

$$4x + 6y$$

$$2x + 6y < 12$$

$$\begin{array}{c|c} x & y \\ \hline 0 & 3 \\ 2 & 1 \end{array}$$

13

$$(2, 4) \quad (-3, -1)$$

$$\frac{4+1}{2+3} = \frac{5}{5} = 1$$

$$(3, 4) \quad (x, y) \quad m=1$$

$$\frac{4-y}{2-x} = 1$$

$$4-y = 1(2-x)$$

$$4-y = 2-x-4$$

$$-y = 2-x-4$$

$$y = x+2$$

14

$$(-3, -5) \quad (3, 1)$$

$$\frac{1+5}{3+3} = \frac{6}{6} = 1$$

$$(3, 1) \quad (x, y) \quad m=1$$

$$\frac{1-y}{3-x} = 1$$

$$1-y = 3-x$$

$$-y = 3-1-x$$

$$y = x-2$$

1 $y = -2x + 1$

x	0	1	2
y	1	-1	-3

2 $y = -\frac{2}{3}x - 1$

x	0	3	-3
y	-1	-3	1

3 $2x + 3y = 6$

x	0	3	6
y	2	0	-2

4 $y = \frac{1}{2}x + \frac{2}{3}$

x	0	$\frac{4}{3}$	1
y	$\frac{2}{3}$	0	$\frac{1}{6}$

5 $-5x + 4y = 20$ $4y = 5x + 20$

x	0	-4	8
y	5	0	-5

$y = \frac{5}{4}x + 5$
y intercept = 5
 $0 = \frac{5}{4}x + 20$
x intercept = $-\frac{16}{5}$

6 $y = \frac{2}{3}x + 4$

x	0	3
y	4	2

y intercept = 4
 $0 = \frac{2}{3}x + 4$
 $x = 4 \times \frac{3}{2} = 6$
x intercept = 6

7 (3,1) (5,4)

$$\frac{4-1}{5-3} = \frac{3}{2}$$

8 (2,3) (5,2)

$$\frac{2+3}{5-2} = \frac{5}{3}$$

9 $y = \frac{3}{4}x - 3$

x	0	4
y	3	0

10 $y = 3x - 2$

x	0	1
y	-2	1

11 $2x - 5y = 10$

$$-5y = 10 - 2x$$

$$y = -2 + \frac{2}{5}x$$

$$y = \frac{2}{5}x - 2$$

x	0	5
y	-2	0

Slope = $\frac{2}{5}$

y intercept = -2