

$$y = 10x - 12x - 1$$

$$y = 12x - 1$$

$$x^2 - 3x + y = 0$$

$$y - 3y = 0$$

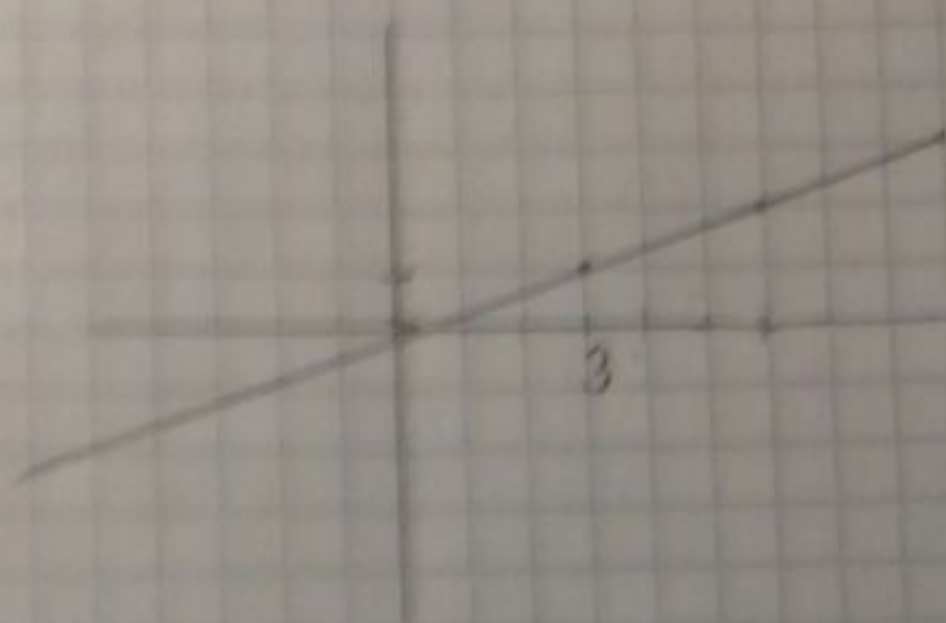
$$36 - 18x = 0$$

$$x = 2$$

7	3	6	9
7	1	2	3

$$81 - 27x = 0$$

$$x = 3$$



31.1

1)  $2, m^2, m$

2)  $5, a, b$

3)  $4, x, y$

4)  $14, y, x$

$$a) \frac{310}{137^2 - 123^2} = \frac{310}{(137-123)(137+123)} = \frac{310}{14 \cdot 260} = \frac{31}{374}$$

$$b) \frac{324^2 - 36^2}{1440} = \frac{(324-36)(324+36)}{1440} = \frac{288 \cdot 360}{1440} = \frac{288 \cdot 360}{1440} = 72$$

$$c) \frac{13.2 + 9.8 + 13.2 - 2.2}{24} = \frac{(13.2 + 9.8 + 13.2 - 2.2)}{24} = \frac{33.8}{24} = \frac{169}{120}$$

$$d) \frac{4.5 \cdot 3.1 - 4.5 - 2.1}{0.1} = \frac{4.5(3.1 - 1)}{0.1} = \frac{4.5 \cdot 2.1}{0.1} = 94.5$$

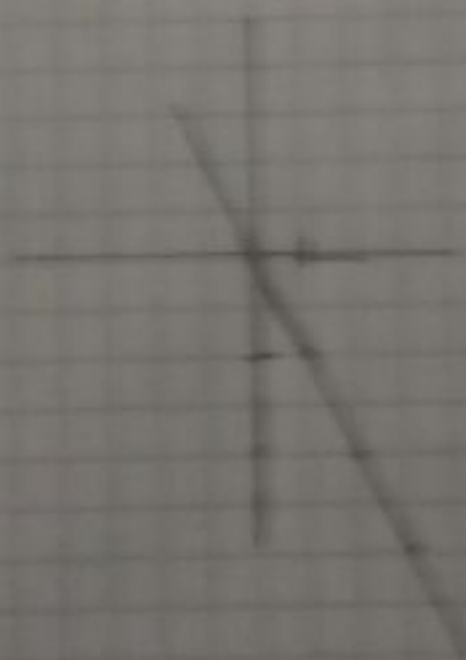
30.18

$$+2y=0 \quad 2x^2+xy=0$$

$2y=-2$	$x$	1	2	3
$y=-2$	$y$	-2	-4	-6

$$+2y=0$$

$$y=-4$$



$$a) \frac{310}{137^2 - 123^2} = \frac{310}{(137-123) \cdot (137+123)} = \frac{310}{14 \cdot 260}$$

$$b) \frac{324^2 - 36}{1440} = \frac{(324-36)(324+36)}{1440} = \frac{288 \cdot 360}{1440} = \frac{288}{4} = 72$$

$$c) \frac{13.1 + 9.8 + 13.1 \cdot 1.2}{24} = \frac{13.1(9.8 + 1.2)}{24} = \frac{13 \cdot 11}{24} = \frac{143}{24}$$

$$d) \frac{4.5 \cdot 3.1 - 4.5 - 2.1}{0.1} = \frac{4.5(3.1 - 2.1)}{0.1} = \frac{4.5 \cdot 1}{0.1} = 45$$

30.18

$$2x^2 + xy = 0$$

x	1	2	3
y	-2	-4	-6

