

14/05/24

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Exercícios Propostos: (página 118)

1.a) $12x - 11 = -4$

Sem solução

b) $|x^2 - 7x - 8| = 0$

$$x^2 - 7x - 8 = 0$$

$$\Delta = (-7)^2 - 4 \cdot 1 \cdot (-8)$$

$$\Delta = 49 + 32$$

$$\Delta = 81$$

$$x = \frac{-(-7) \pm \sqrt{81}}{2}$$

$$x = \frac{7 \pm 9}{2}$$

$$x_1 = 8$$

$$x_2 = -1$$

$$S = \{-1, 8\}$$

Exercícios Resolvidos: (página 120)

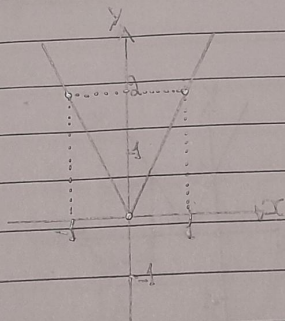
1.a) $f(x) = |2x|$

$x \mid y$

0 0

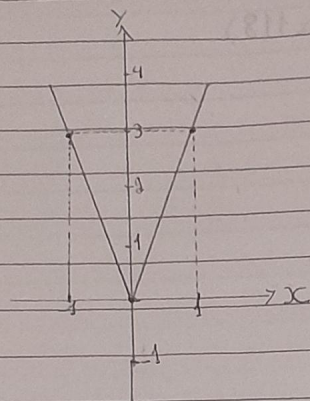
-1 2

1 2



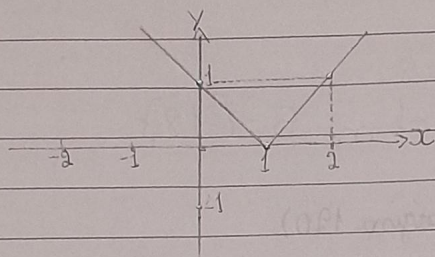
b) $f(x) = |3x|$

x	y
0	0
-1	3
1	3



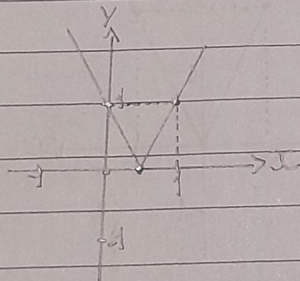
c) $f(x) = |x-1|$

x	y
1	0
0	1
2	1



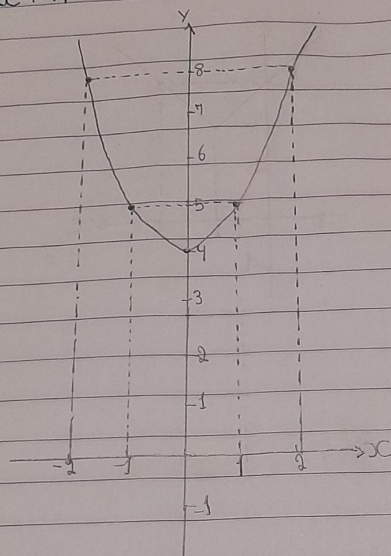
d) $f(x) = |2x-1|$

x	y
$\frac{1}{2}$	0
0	1
1	1



$$e) f(x) = |x^2 + 4|$$

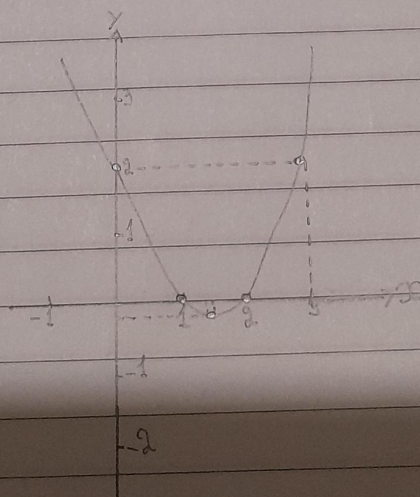
x	y
0	4
-1	5
1	5
-2	8
2	8



Exercícios Propostos: (pagina 121)

$$1.(a) f(x) = |x^2 - 3x + 2|$$

x	y
3	1
2	0
1	0
0	2
3	2



(b) $f(x) = |x-1| + 2$

x	y
1	2
0	3
2	3

