



. 1 :

$x \rightarrow ax : a$

$f: B \rightarrow A$

$f(x) = ax$

$f: 5 \rightarrow 50$

$x \rightarrow ax : a$

$f: B \rightarrow A$
 $f: x \rightarrow ax$

$f(x) = ax$

$f: 5 \rightarrow 50$

$f: x \rightarrow ax$

2. 1

$f(x) = ax : : 1$

$f(x) = 10x : a = 10$

$f(5) = 10 \times 5 = 50 : f \quad 5$

$f: 5 \rightarrow 50$

f	5	50
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$f: (-8) \rightarrow (-80)$

$f(-8) = 10 \times (-8)$

$f(-8) = (-80)$

$f: (-8) \rightarrow (-80)$

$f: (-8) \rightarrow (-80)$

: 3. 1

$$f: ? \rightarrow a x$$

$$f(x) = 5 x : 1$$

. 10 f

$$f(x) = 10 \quad f(x) = 5 x :$$

$$x = \frac{10}{5} = 2$$

$$5 x = 10 :$$

. 2 10 : f

: 4. 1

a

$$f(2) = 3 : f: 2 \rightarrow 3 : f:$$

f

$$f(x) = a x : f f :$$

$$f(2) = 3 \quad f(2) = 2 a$$

$$2 a = 3 :$$

$$a = \frac{3}{2} :$$

$$f(x) = \frac{3}{2} x :$$

→ f : x

$$\frac{3}{2} x :$$

: 5. 1

A O O

a (1,a)

$$y = f(x):$$

$$f: x \rightarrow a x : (1)$$

$$y = a x : f(x) = a x :$$

a

$$y = a x : (2)$$

$$f(x) = 2 x : f :$$

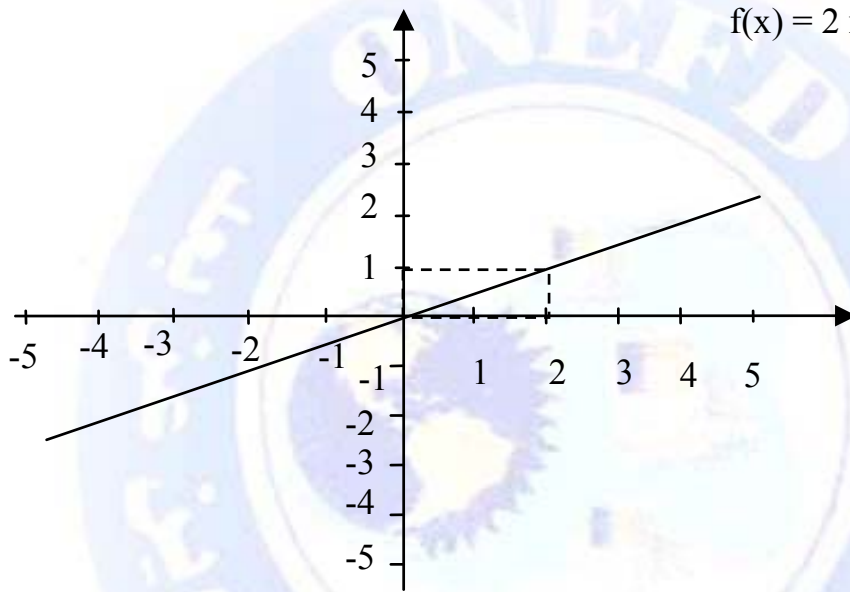
. cm . O f -

$$y = 2 x : f(x) = 2 x :$$

. (1 2)

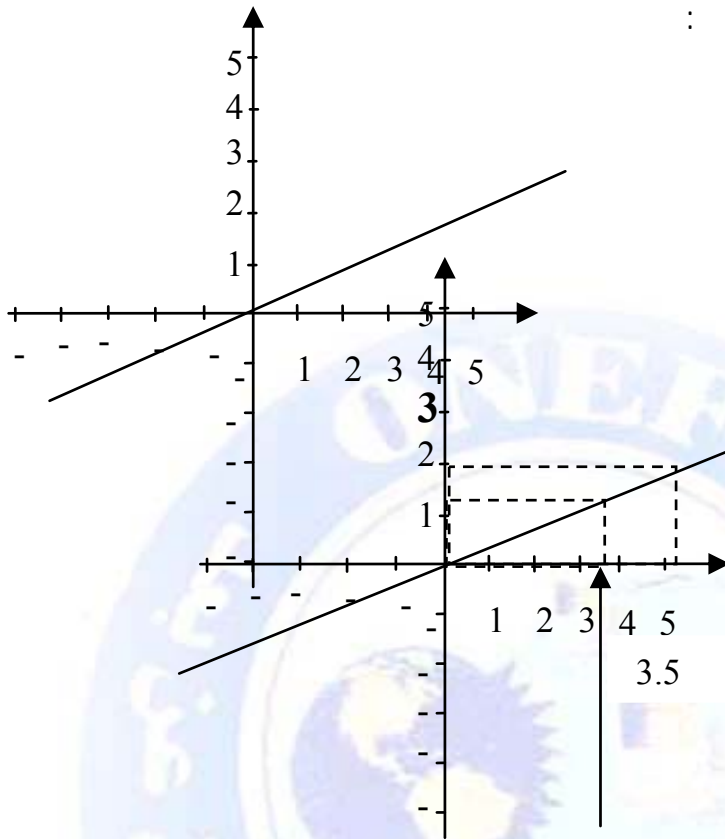
A O $y = 2 x$

$$f(x) = 2 x :$$



. 2 $y = 2 x$ -

6-1



f . (d) *
 .5 *
 . 1,4 *

(d)

x

$$f(5) = 2 : \quad 2 \quad 5 \quad -1$$

$$f(3,5) = 1,4 : \quad 1,4 \quad 3,5 \quad -2$$

7. 1

f a -
O f :

$$f(x) = a x :$$

$$f(5) = 2 : \quad 2 \quad 5 \quad (1)$$

$$. y = 2 \quad x = 5 \quad y = ax \quad (d)$$

$$5 \times a = 2 :$$

$$a = \frac{2}{5} :$$

$$f(x) = \frac{2}{5} x :$$

f :

$$f(3,5) = 1,4$$

:

O :

$$g(x) = -2x ; \quad f(x) = 3x$$

:

A O

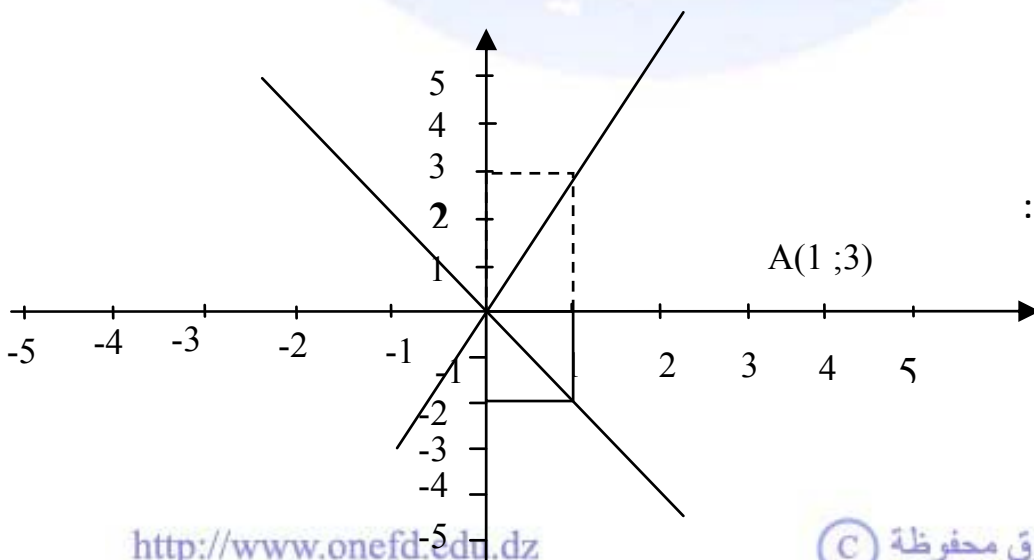
$$y = 3x$$

. (1 3)

B O

$$y = -2x$$

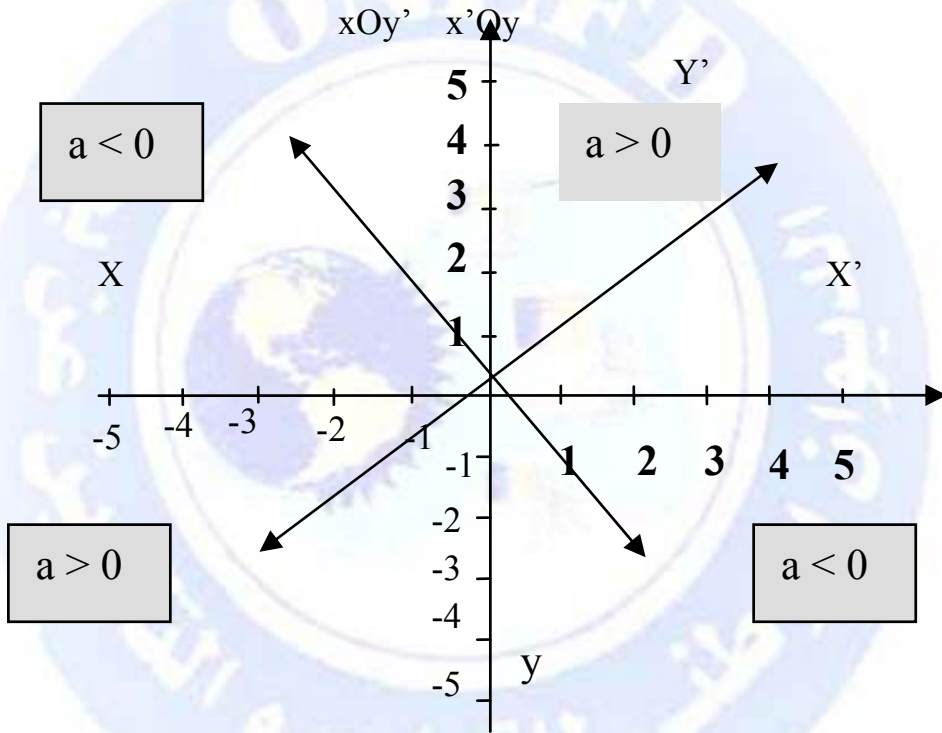
. (1 -2)

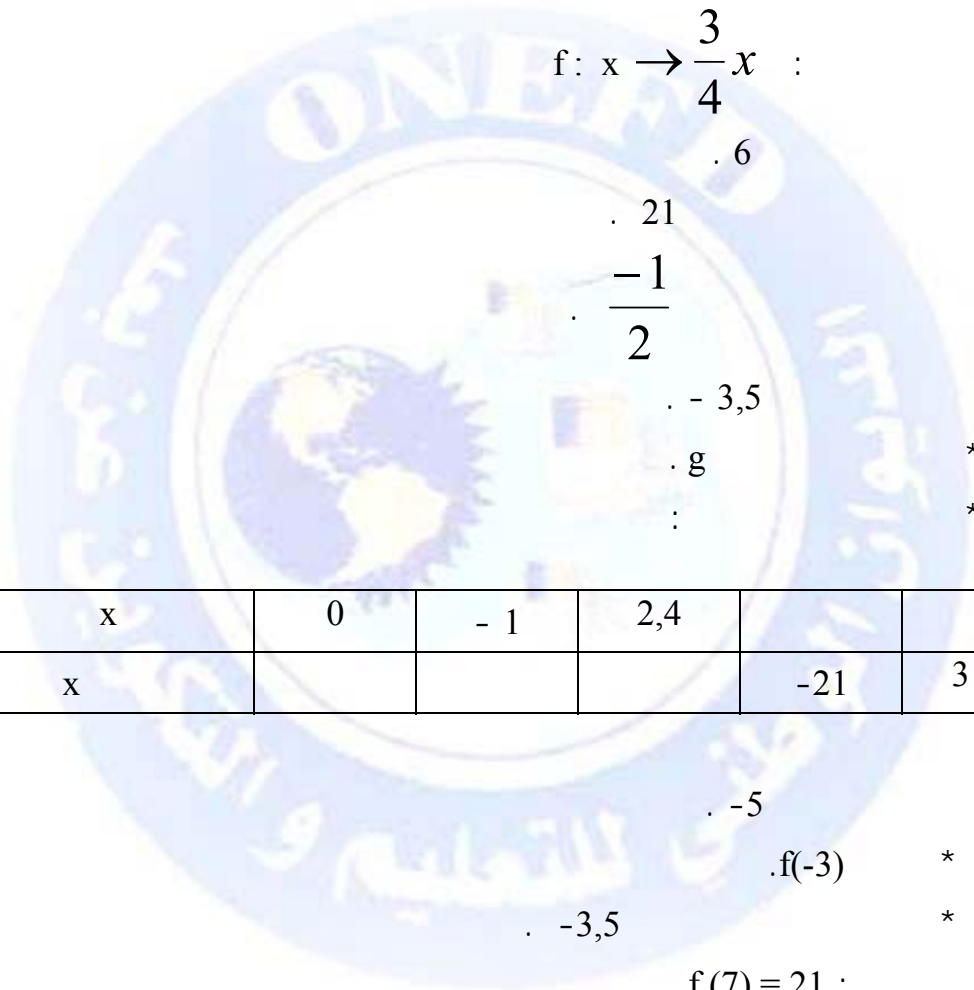


B(1;-2)

3
(-2)

x'Oy' xOy





-1

f -

*

*

*

g -

*

*

x	0	- 1	2,4		
x				-21	31,5

f -

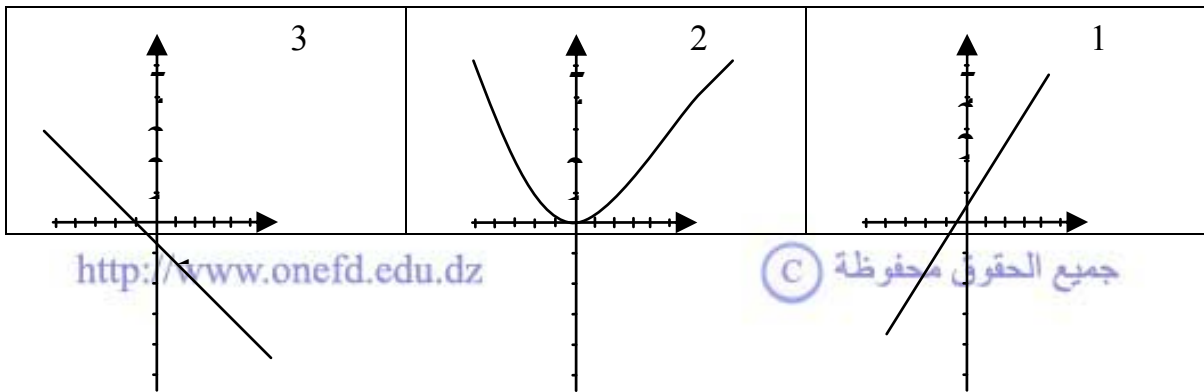
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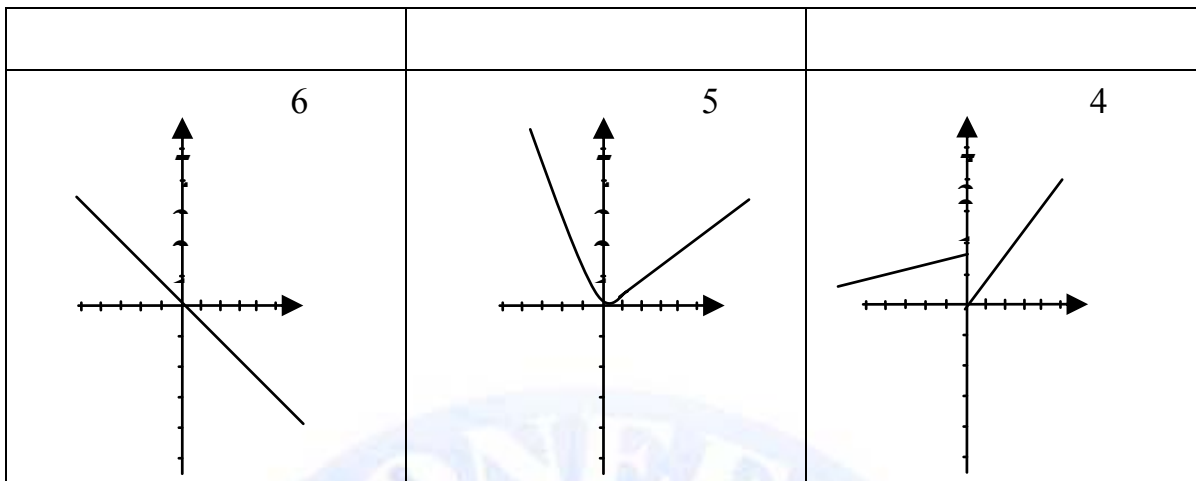
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f -

*

*





$$f(x) = 4x :$$

f -

. cm

O

f

*

:

-

. f

(d)

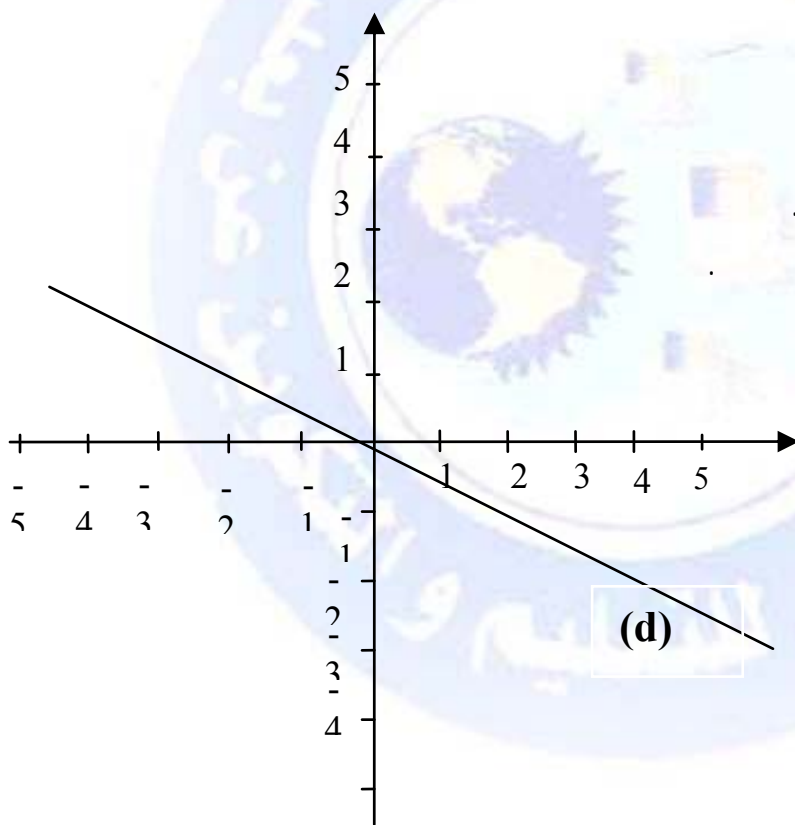
. -2

-

. -2

-

-



-5

$$f: x \rightarrow \frac{3}{4}x - 1$$

: 6 *

$$f(x) = \frac{3}{4}x$$

$$f(6) = \frac{3}{4}(6)$$

$$f(6) = \frac{18}{4} = \frac{9}{2}$$

: 21 *

$$f(x) = y : f(x) = \frac{3}{4}x$$

$$\frac{3}{4}x = 21$$

$$\frac{4}{3} \times \frac{3}{4} \times x = \frac{4}{3} \times (21)$$

$$x = 4 \times 7 = 28$$

. 28 21

. $\frac{-1}{2}$ *

$$-5x = -3,5$$

$$\frac{-1}{5} \times -5 \times x = -3,5 \times \frac{-1}{5} \quad : -3,5 \quad *$$

$$x = \frac{3,5}{5} = 0,7$$

$$f(7) = 21 : \quad f - 4$$

$$: f \quad a \quad *$$

$$y = ax : \quad f(x) = ax : \quad f$$

$$y = ax : \quad y = 21 \quad x = 7$$

$$a \times 7 = 21$$

$$a = \frac{21}{7} = 3 :$$

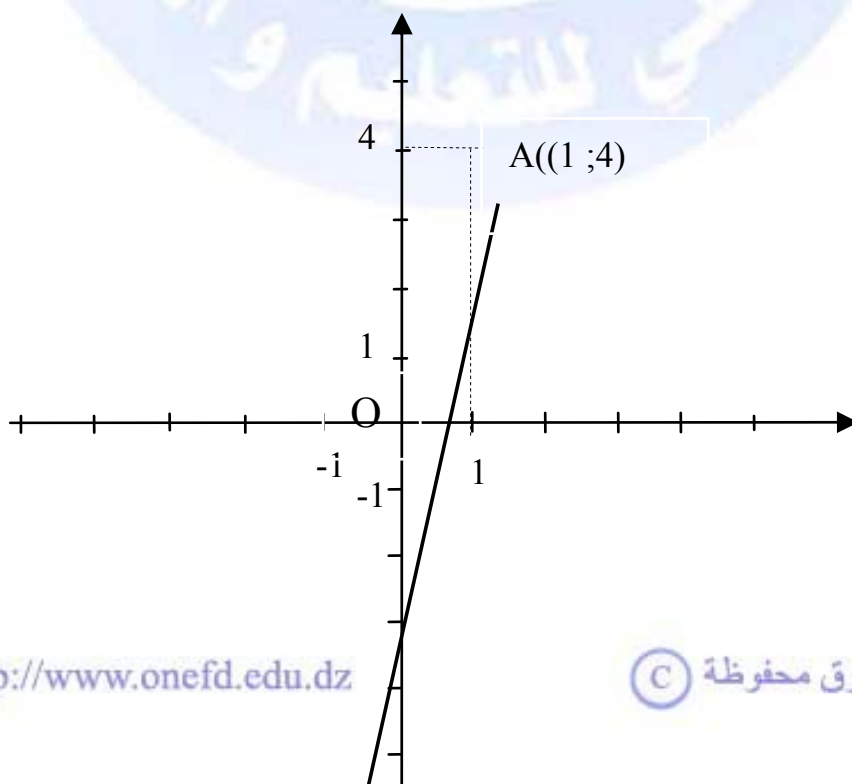
$$: f \quad x \quad *$$

$$f(x) = 3x : \quad a = 3 : \quad f(x) = ax$$

$$: \quad -5$$

$$. 6 \quad / \quad 1$$

O



$$f(x) = 4x : \quad f - 6$$

: f *

. A O f

: A

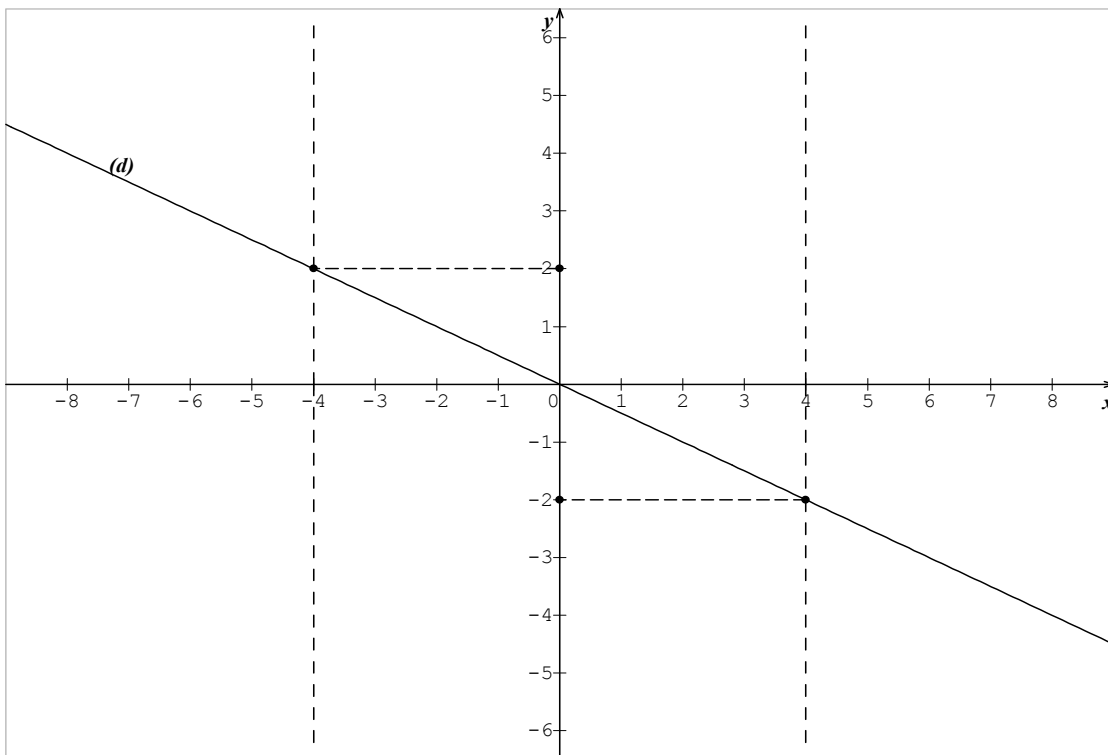
$$f(x) = 4x$$

$$f(1) = 4 :$$

$$A(1, 4) :$$

: f

-7



$$= \frac{-1}{2} : \quad a \times (-2) = 1 \quad : \quad \frac{-1}{2} \quad -3$$

.a