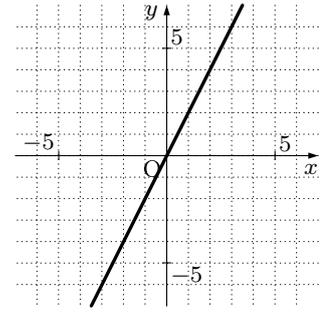


1. 以下の に当てはまる値を答えなさい。

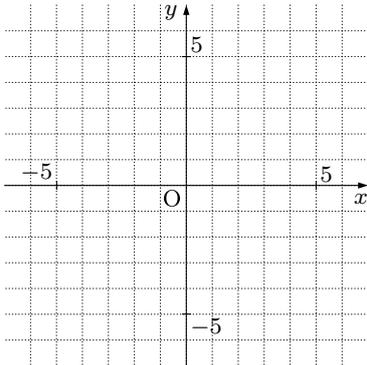
(例) 関数 $y = 2x$ のグラフを書きなさい。

(解き方) 関数 $y = 2x$ のグラフは、原点を通り、 $x = 1$ のとき $y =$ である。つまり、 $(0, 0)$ と $(1, \text{})$ を通る直線が $y = 2x$ になるので、グラフは右のようになる。

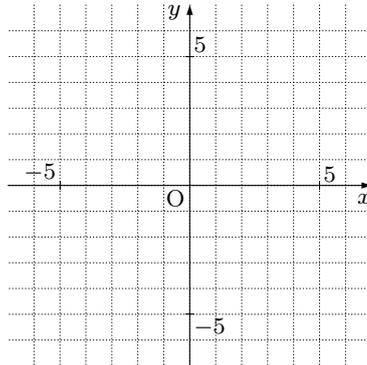


2. 次の関数のグラフを書きなさい。

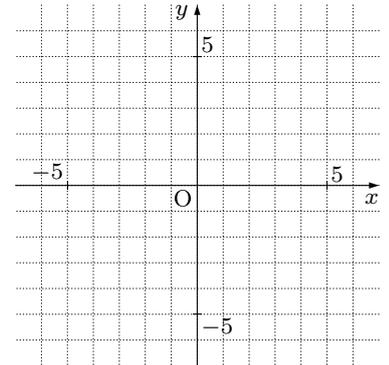
(1) $y = 2x$



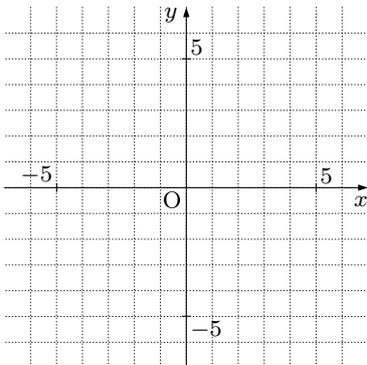
(2) $y = x$



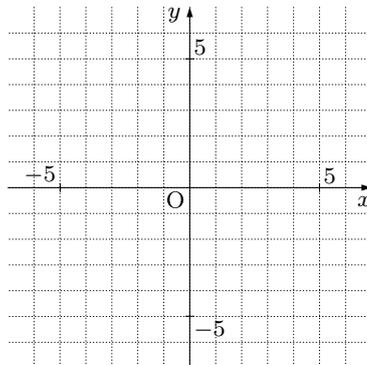
(3) $y = -2x$



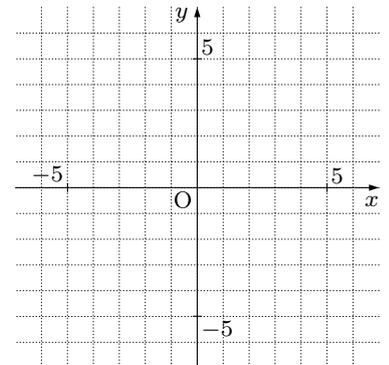
(4) $y = -4x$



(5) $y = -3x$



(6) $y = -x$



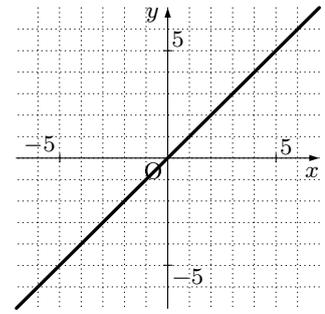
3. 以下の に当てはまる値を答えなさい。

(例) 右のグラフの方程式を答えなさい。

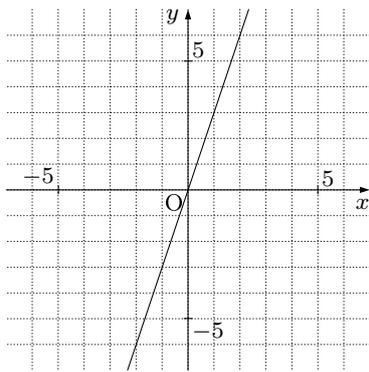
(解き方) 右のグラフは $(0, \text{ })$ を通るので, y は x に比例する.

また, $(1, \text{ })$ を通るので, $x = 1$ のとき $y = \text{ }$ である.

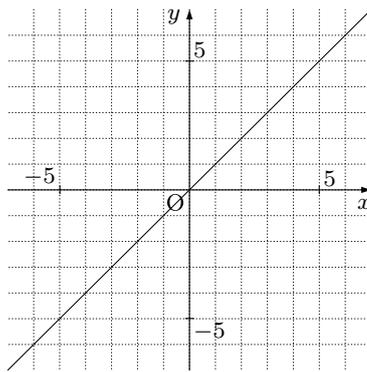
だから, 方程式は $y = x$ と分かる.



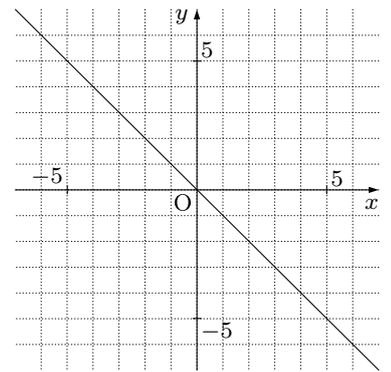
4. 次の関数の方程式を答えなさい。



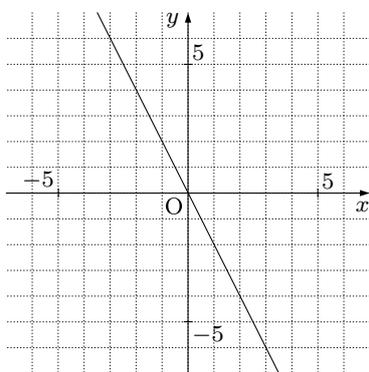
(1)



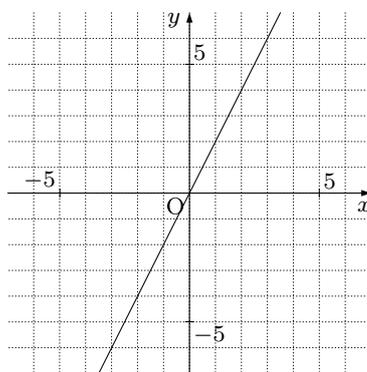
(2)



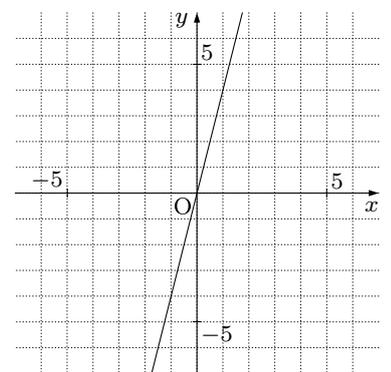
(3)



(4)



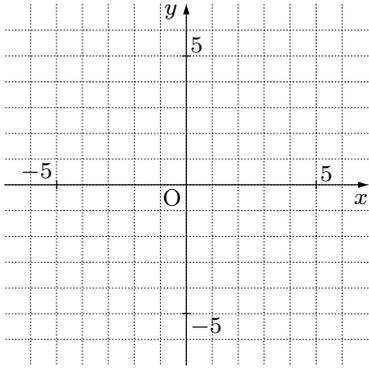
(5)



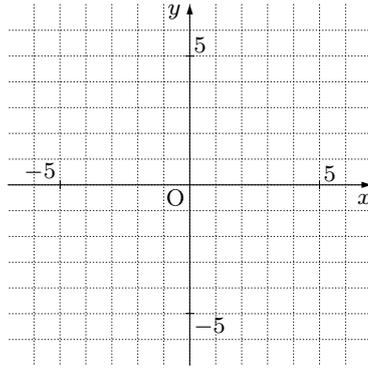
(6)

5. 次の関数のグラフを書きなさい。

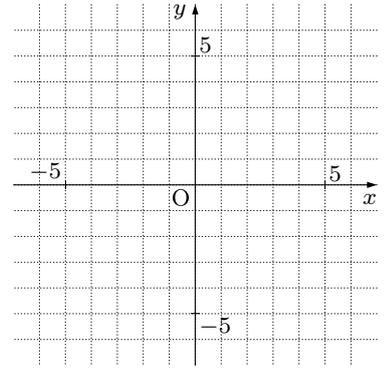
(1) $y = 3x$



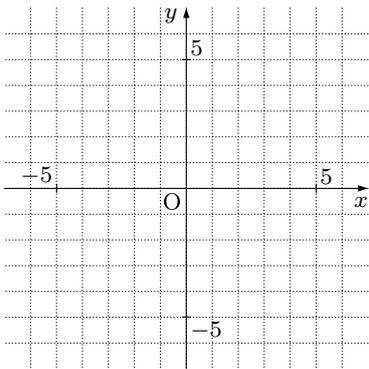
(2) $y = -3x$



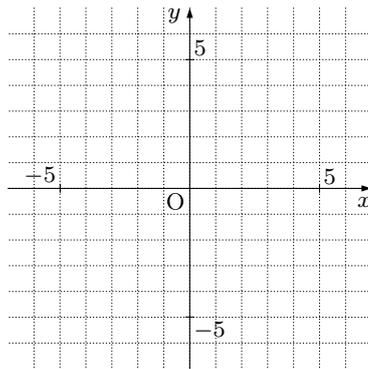
(3) $y = 4x$



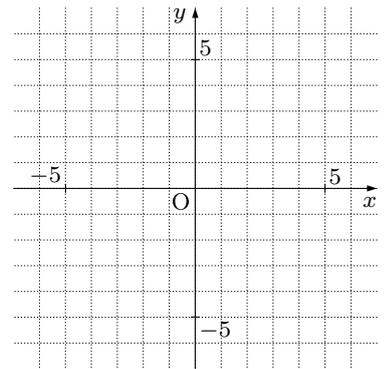
(4) $y = -2x$



(5) $y = -x$

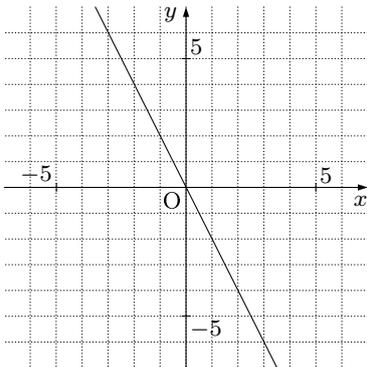


(6) $y = 2x$

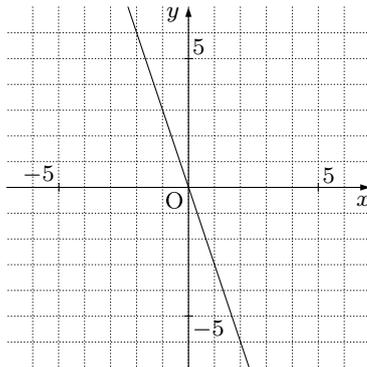


6. 次の関数の方程式を答えなさい。

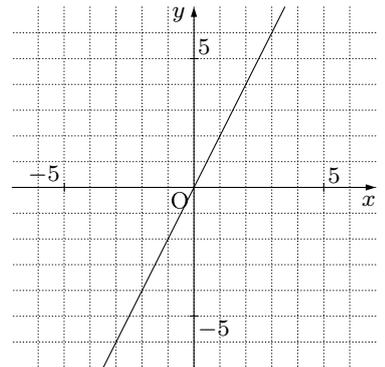
(1)



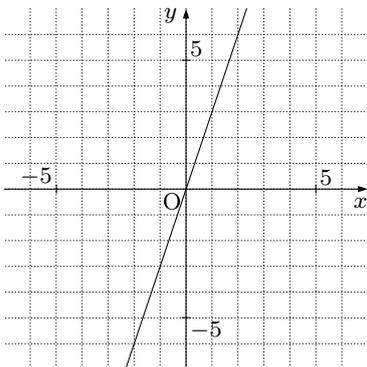
(2)



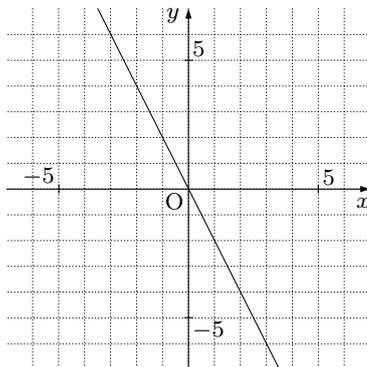
(3)



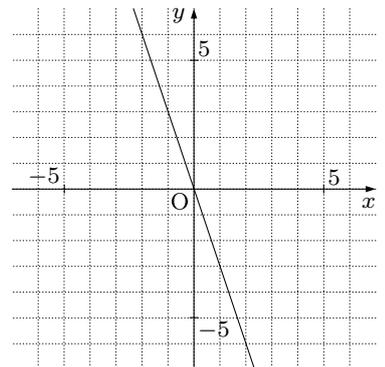
(4)



(5)



(6)

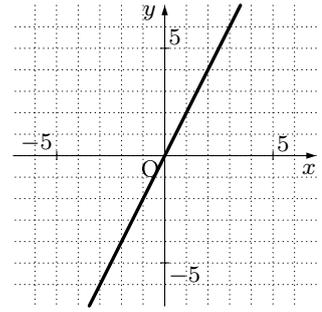


1. 以下の に当てはまる値を答えなさい。

(例) 関数 $y = 2x$ のグラフを書きなさい。

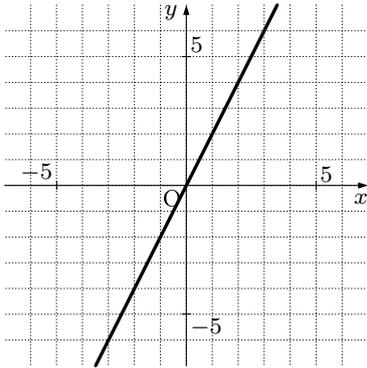
(解き方) 関数 $y = 2x$ のグラフは、原点を通り、 $x = 1$ のとき $y =$

である。つまり、 $(0, 0)$ と $(1,$ $)$ を通る直線が $y = 2x$ になるので、グラフは右のようになる。

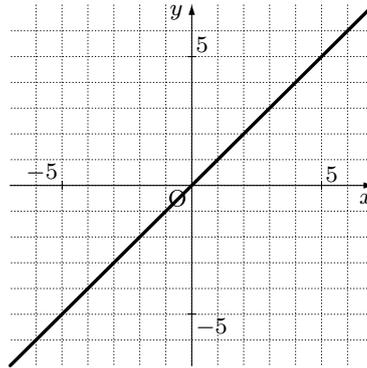


2. 次の関数のグラフを書きなさい。

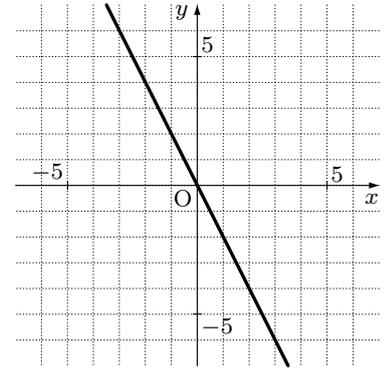
(1) $y = 2x$



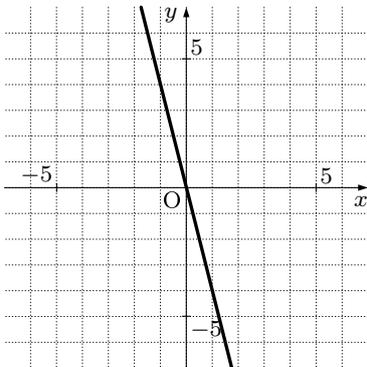
(2) $y = x$



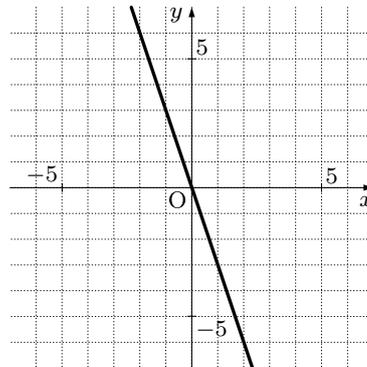
(3) $y = -2x$



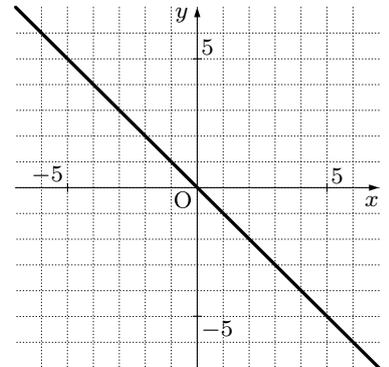
(4) $y = -4x$



(5) $y = -3x$



(6) $y = -x$



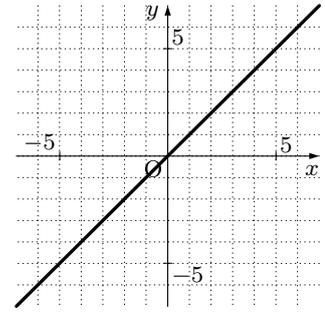
3. 以下の に当てはまる値を答えなさい。

(例) 右のグラフの方程式を答えなさい。

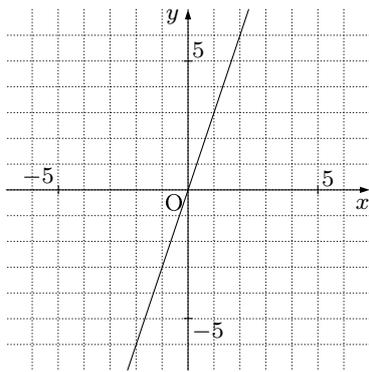
(解き方) 右のグラフは $(0, \text{0})$ を通るので, y は x に比例する. ま

た, $(1, \text{1})$ を通るので, $x = 1$ のとき $y = \text{1}$ である.

だから, 方程式は $y = x$ と分かる.

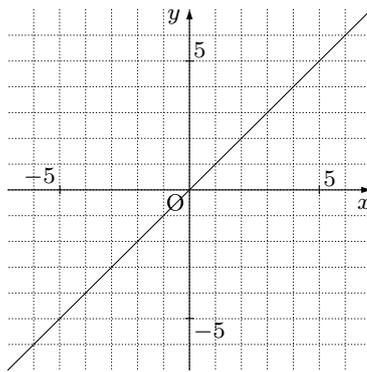


4. 次の関数の方程式を答えなさい。



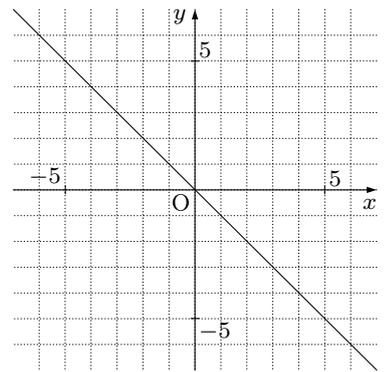
(1)

$$y = 3x$$



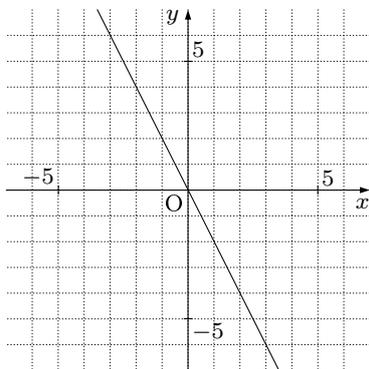
(2)

$$y = x$$



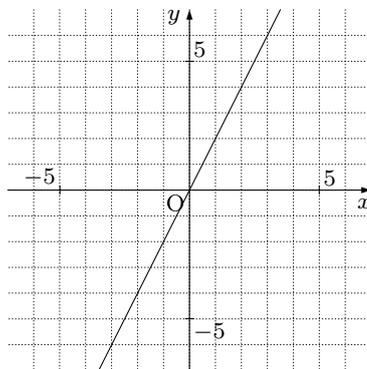
(3)

$$y = -x$$



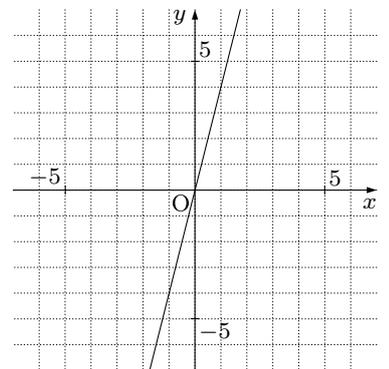
(4)

$$y = -2x$$



(5)

$$y = 2x$$

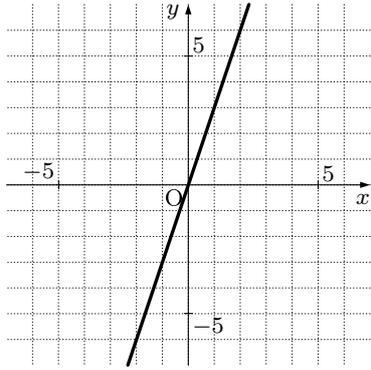


(6)

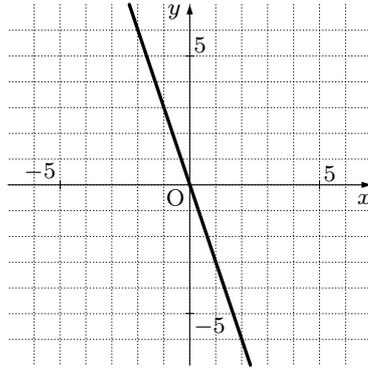
$$y = 4x$$

5. 次の関数のグラフを書きなさい。

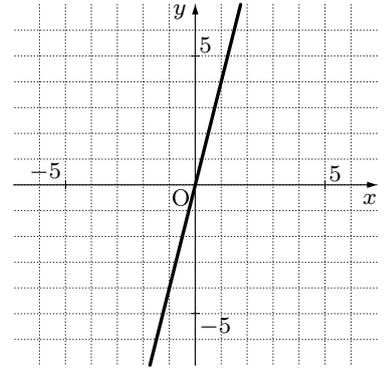
(1) $y = 3x$



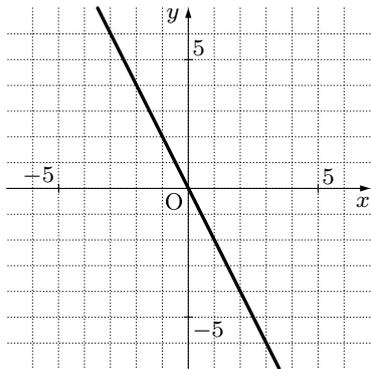
(2) $y = -3x$



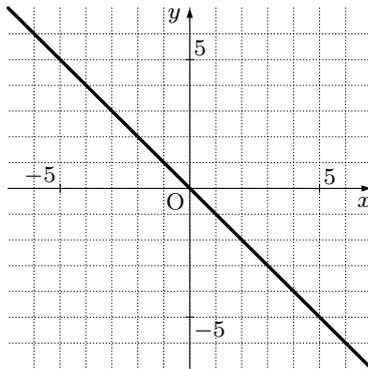
(3) $y = 4x$



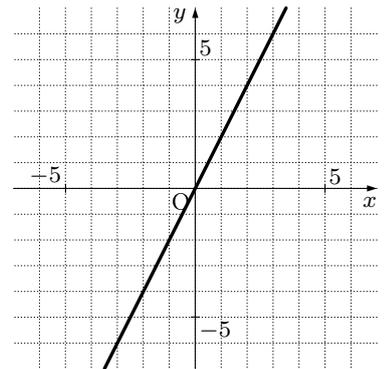
(4) $y = -2x$



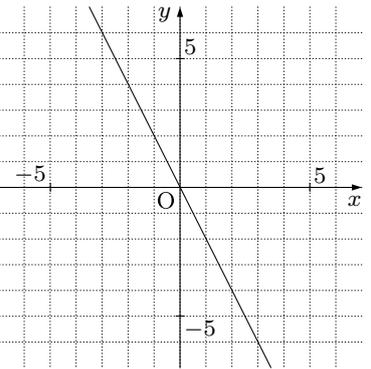
(5) $y = -x$



(6) $y = 2x$

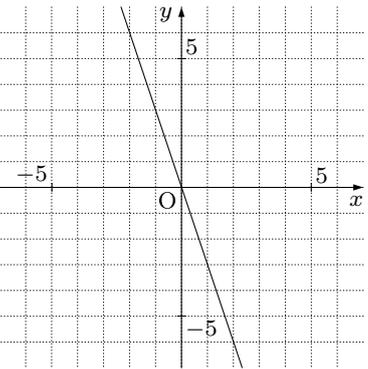


6. 次の関数の方程式を答えなさい。



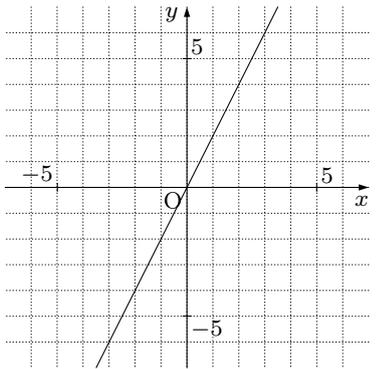
(1)

$y = -2x$



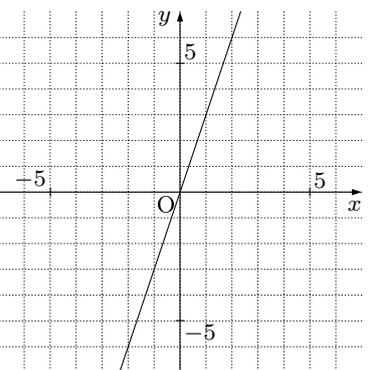
(2)

$y = -3x$



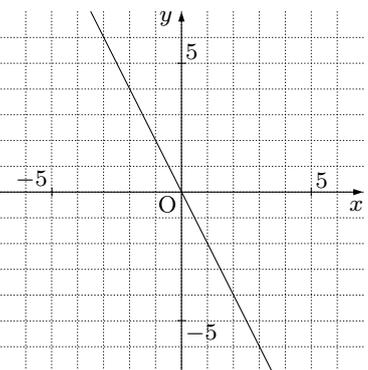
(3)

$y = 2x$



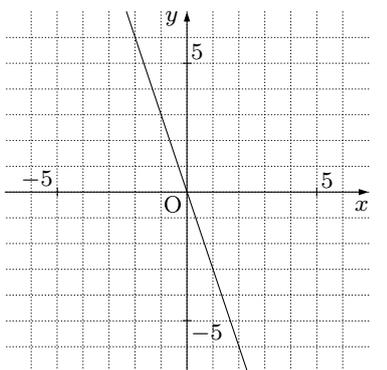
(4)

$y = 3x$



(5)

$y = -2x$



(6)

$y = -3x$