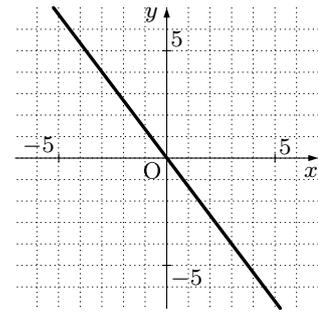


1. 以下の に当てはまる値を答えなさい。

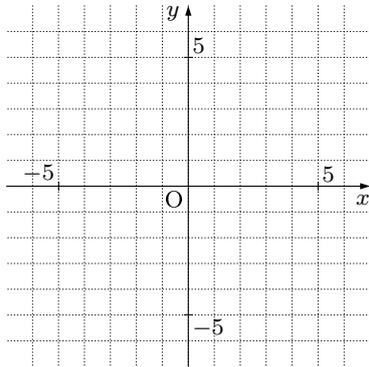
(例) 関数 $y = -\frac{4}{3}x$ のグラフを書きなさい。

(解き方) 関数 $y = -\frac{4}{3}x$ のグラフは、原点を通り、 $x = 3$ のとき $y =$ である。つまり、 $(0, 0)$ と $(3, \text{})$ を通る直線が $y = -\frac{4}{3}x$ になるので、グラフは右のようになる。

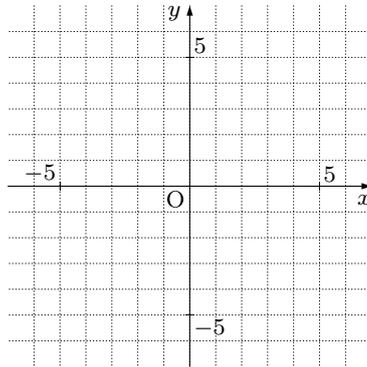


2. 次の関数のグラフを書きなさい。

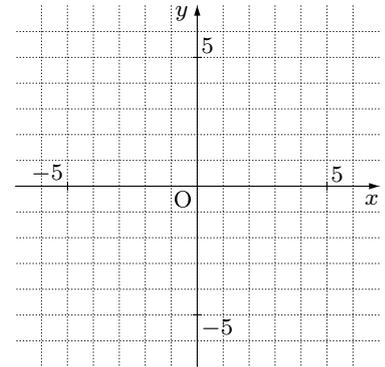
(1) $y = \frac{3}{2}x$



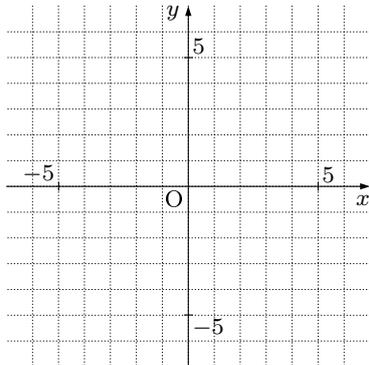
(2) $y = \frac{1}{2}x$



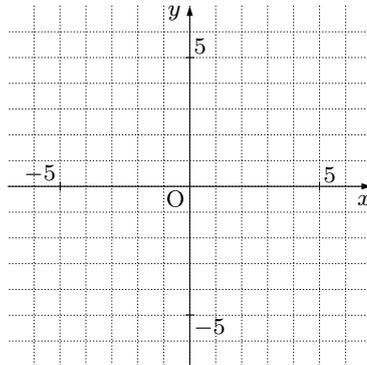
(3) $y = -\frac{4}{3}x$



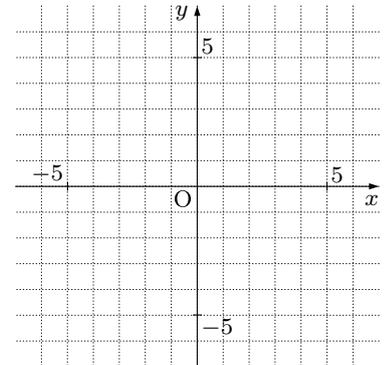
(4) $y = -\frac{1}{2}x$



(5) $y = \frac{1}{3}x$



(6) $y = -\frac{1}{3}x$



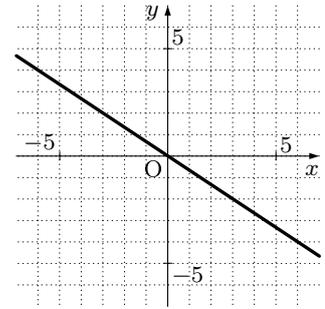
3. 以下の に当てはまる値を答えなさい。

(例) 右のグラフの方程式を答えなさい。

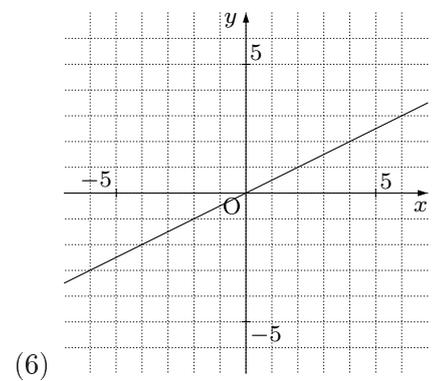
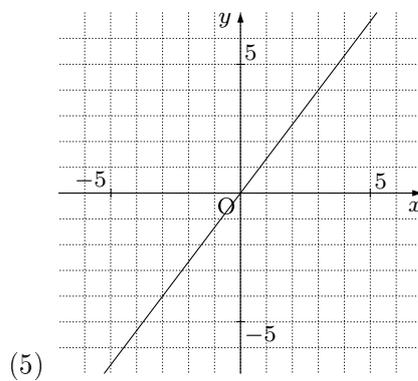
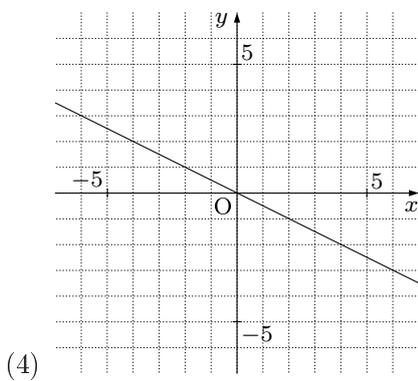
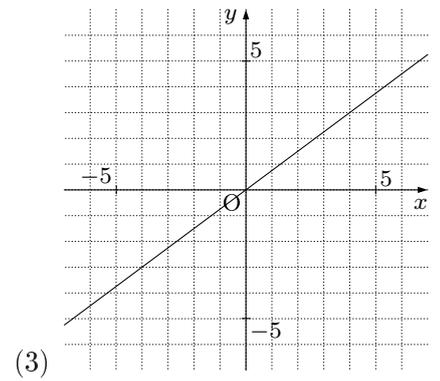
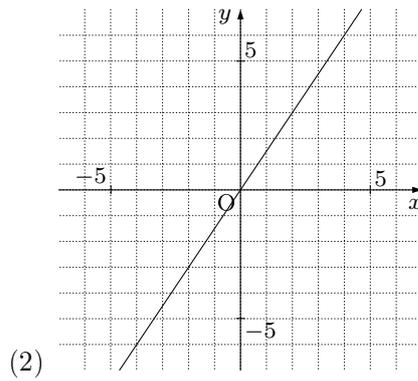
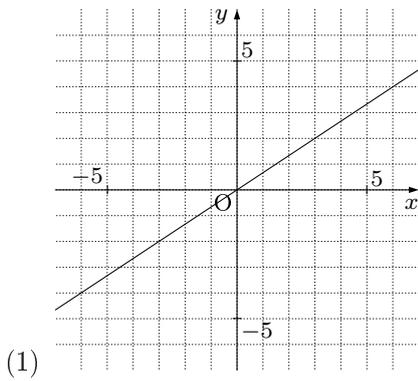
(解き方) 右のグラフは $(0, \text{ })$ を通るので, y は x に比例する.

また, $(3, \text{ })$ を通るので, $x = 3$ のとき $y = \text{ }$ である.

だから, 方程式は $y = -\frac{2}{3}x$ と分かる.

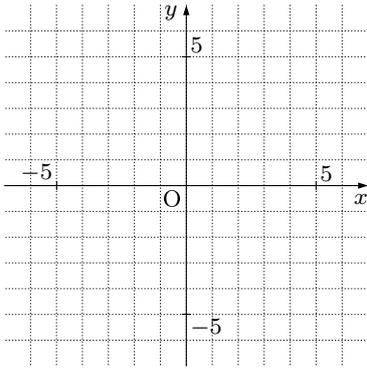


4. 次の関数の方程式を答えなさい。

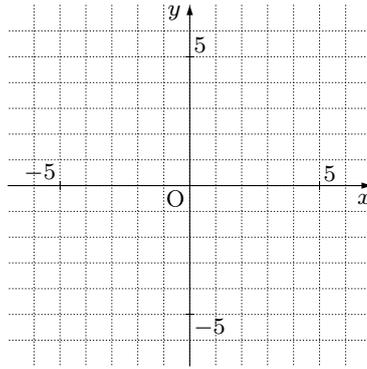


5. 次の関数のグラフを書きなさい。

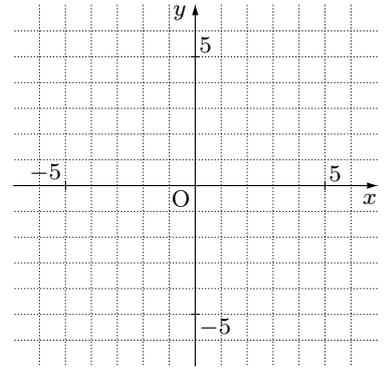
(1) $y = \frac{1}{4}x$



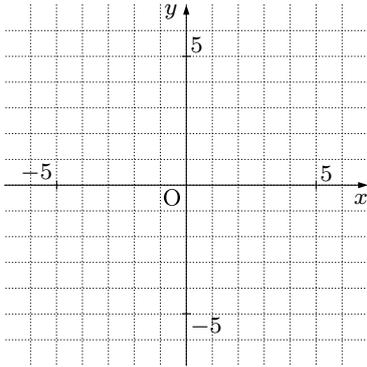
(2) $y = -\frac{3}{4}x$



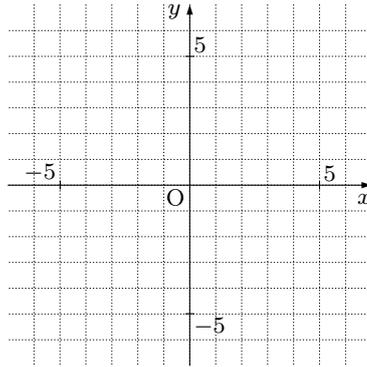
(3) $y = \frac{3}{2}x$



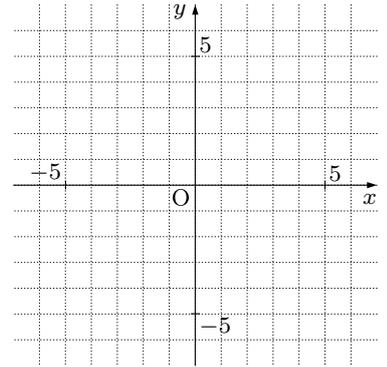
(4) $y = -\frac{1}{2}x$



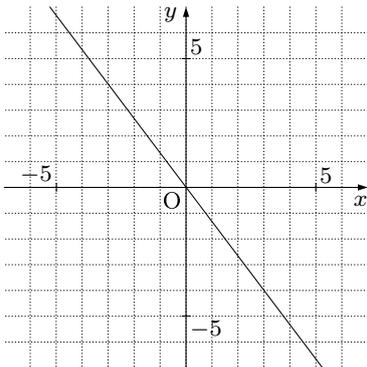
(5) $y = -\frac{1}{4}x$



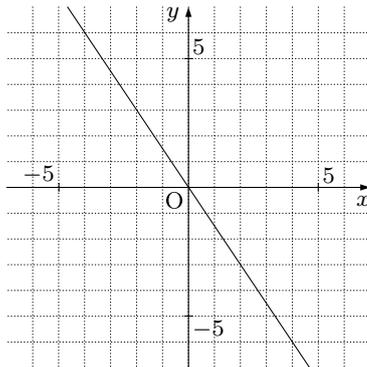
(6) $y = \frac{4}{3}x$



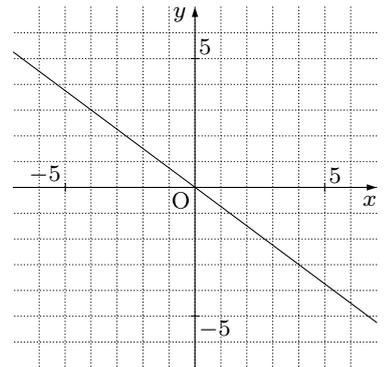
6. 次の関数の方程式を答えなさい。



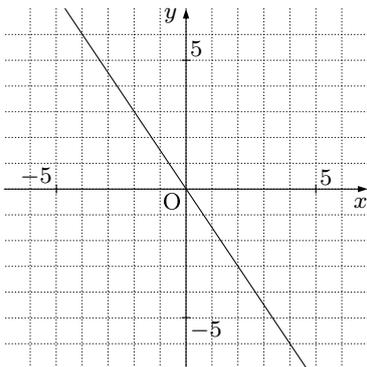
(1)



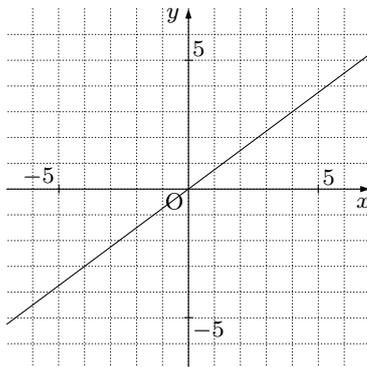
(2)



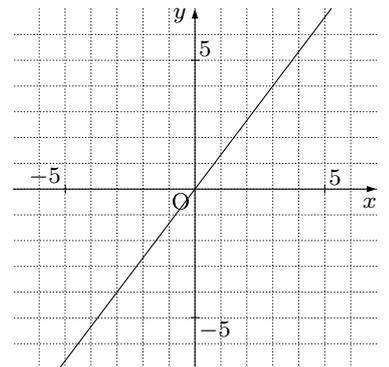
(3)



(4)



(5)

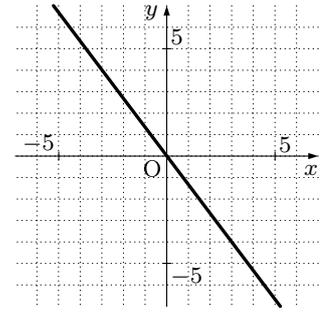


(6)

1. 以下の に当てはまる値を答えなさい。

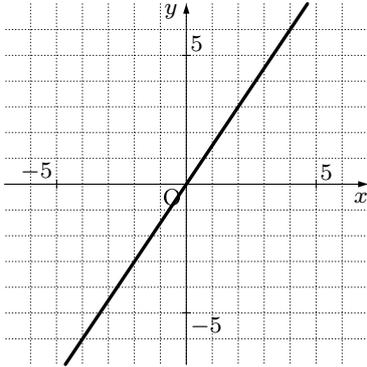
(例) 関数 $y = -\frac{4}{3}x$ のグラフを書きなさい。

(解き方) 関数 $y = -\frac{4}{3}x$ のグラフは、原点を通り、 $x = 3$ のとき $y =$ -4 である。つまり、 $(0, 0)$ と $(3, -4)$ を通る直線が $y = -\frac{4}{3}x$ になるので、グラフは右のようになる。

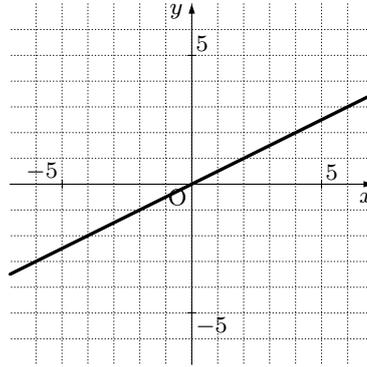


2. 次の関数のグラフを書きなさい。

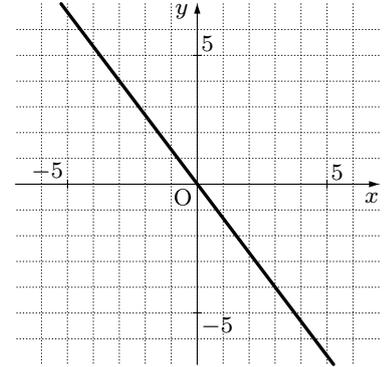
(1) $y = \frac{3}{2}x$



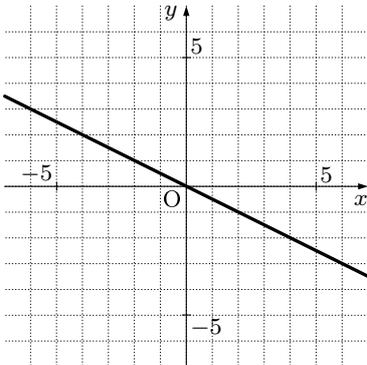
(2) $y = \frac{1}{2}x$



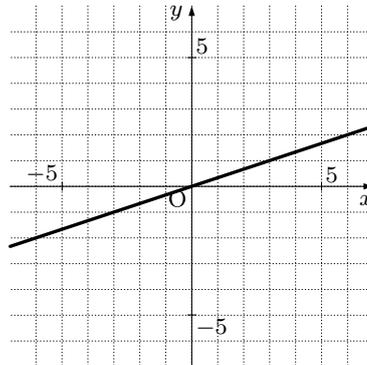
(3) $y = -\frac{4}{3}x$



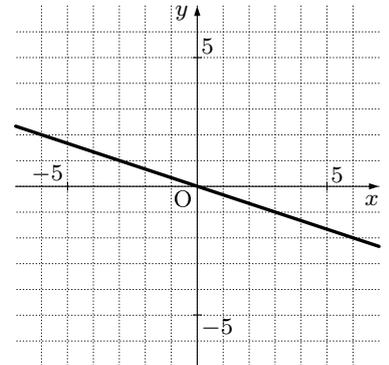
(4) $y = -\frac{1}{2}x$



(5) $y = \frac{1}{3}x$



(6) $y = -\frac{1}{3}x$



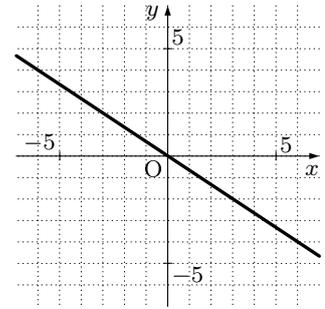
3. 以下の に当てはまる値を答えなさい。

(例) 右のグラフの方程式を答えなさい。

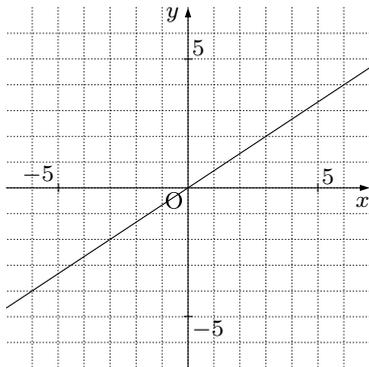
(解き方) 右のグラフは $(0, \text{0})$ を通るので, y は x に比例する. また,

$(3, \text{-2})$ を通るので, $x=3$ のとき $y = \text{-2}$ である.

だから, 方程式は $y = -\frac{2}{3}x$ と分かる.

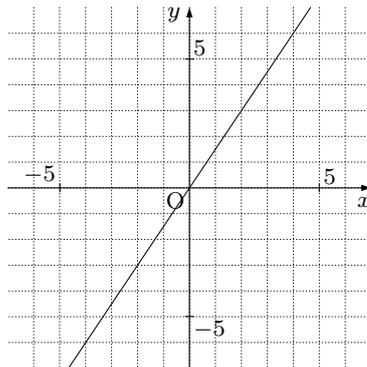


4. 次の関数の方程式を答えなさい。



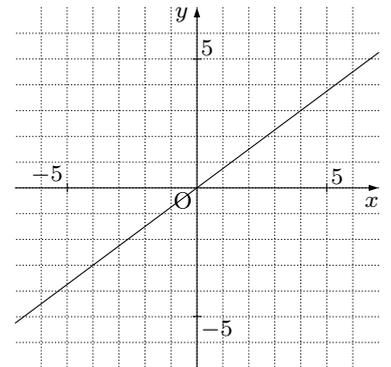
(1)

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



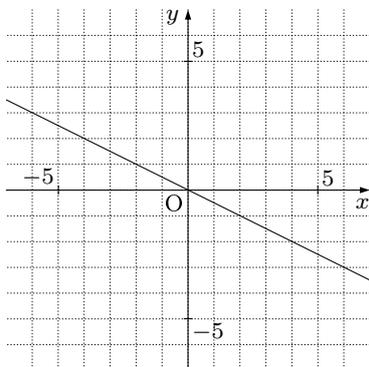
(2)

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



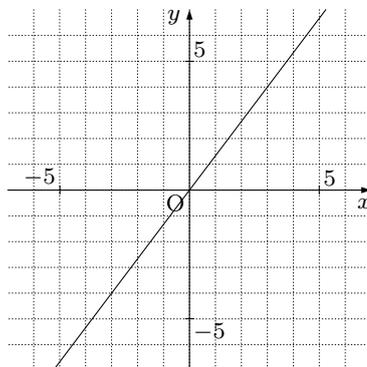
(3)

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



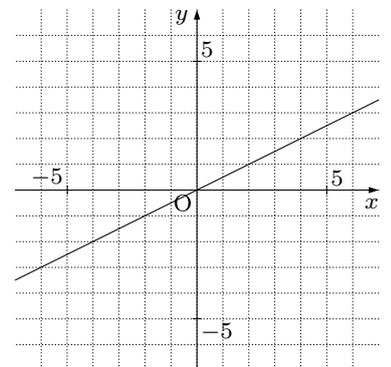
(4)

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



(5)

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

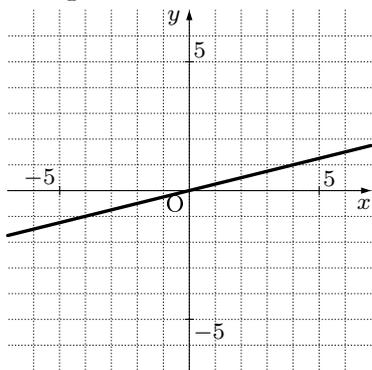


(6)

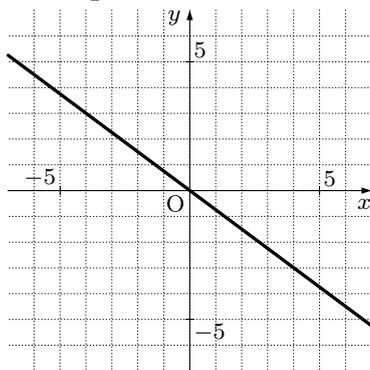
$$y = \frac{1}{2}x$$

5. 次の関数のグラフを書きなさい。

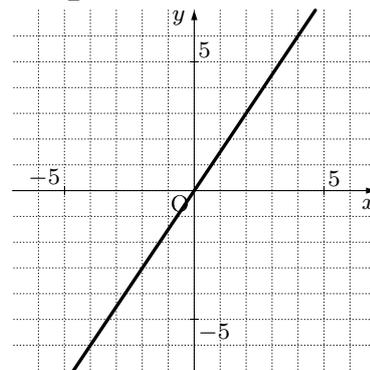
(1) $y = \frac{1}{4}x$



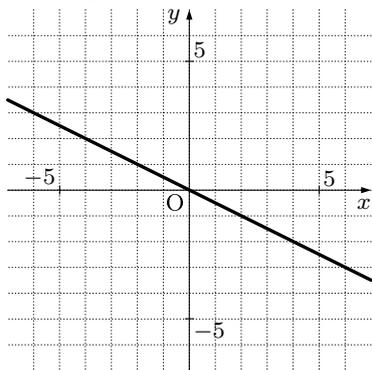
(2) $y = -\frac{3}{4}x$



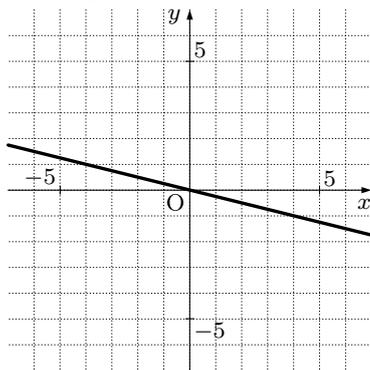
(3) $y = \frac{3}{2}x$



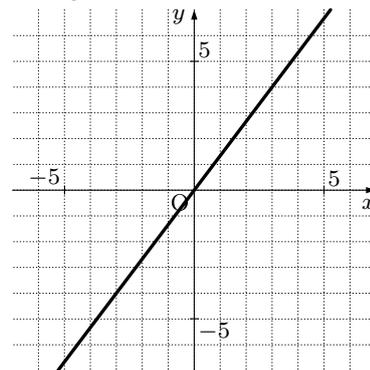
(4) $y = -\frac{1}{2}x$



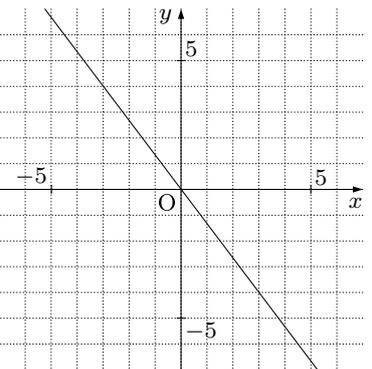
(5) $y = -\frac{1}{4}x$



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

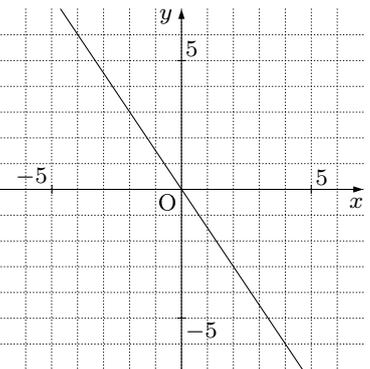


6. 次の関数の方程式を答えなさい。



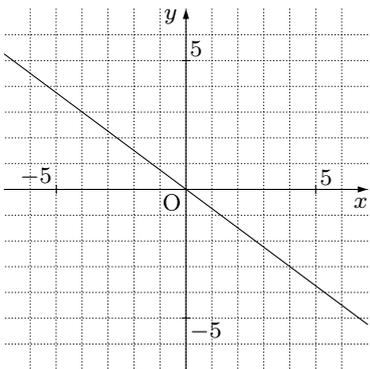
(1)

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



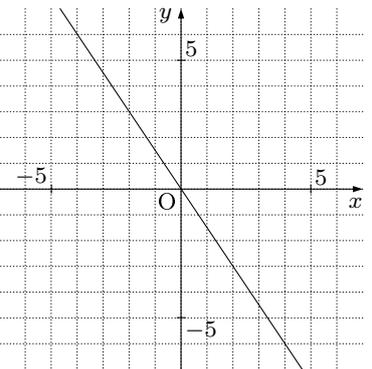
(2)

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



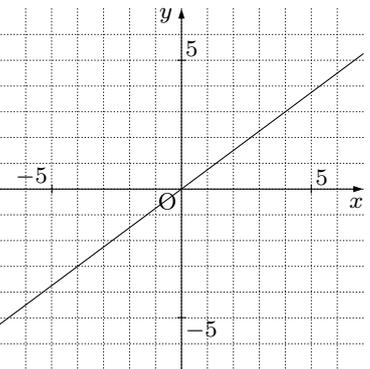
(3)

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



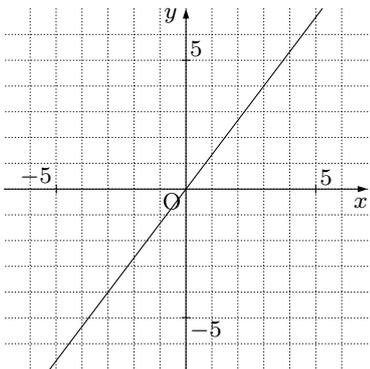
(4)

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



(5)

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



(6)

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