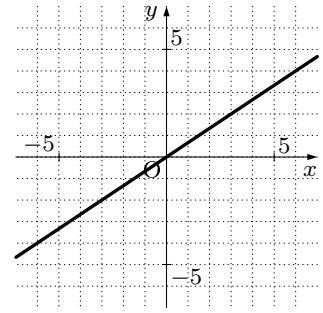


1. 以下の  に当てはまる値を答えなさい。

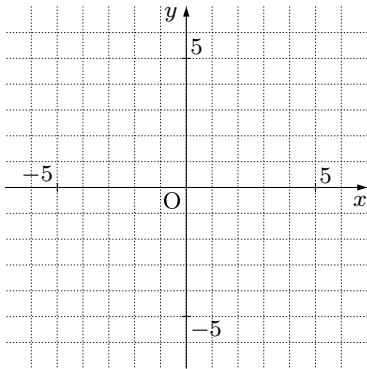
(例) 関数  $y = \frac{2}{3}x$  のグラフを書きなさい。

(解き方) 関数  $y = \frac{2}{3}x$  のグラフは, 原点を通り,  $x = 3$  のとき  $y = \text{$  である. つまり,  $(0, 0)$  と  $(3, \text{$ ) を通る直線が  $y = \frac{2}{3}x$  になるので, グラフは右のようなになる.

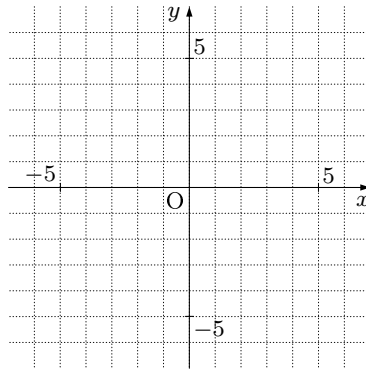


2. 次の関数のグラフを書きなさい。

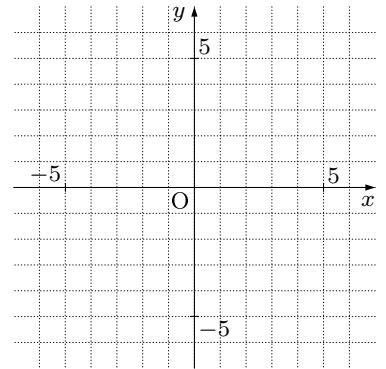
(1)  $y = -\frac{1}{4}x$



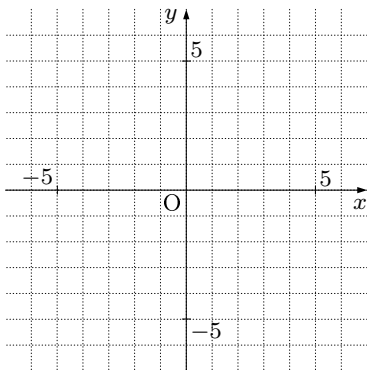
(2)  $y = \frac{2}{3}x$



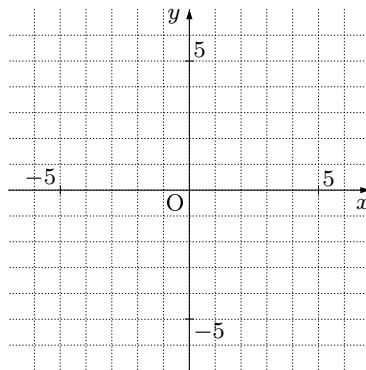
(3)  $y = \frac{3}{2}x$



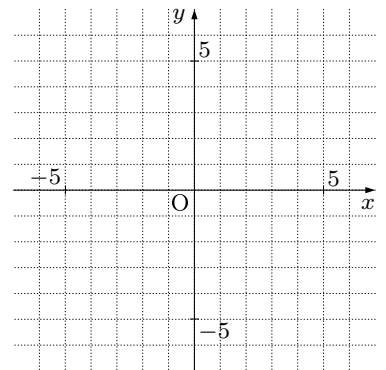
(4)  $y = -\frac{3}{4}x$



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



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



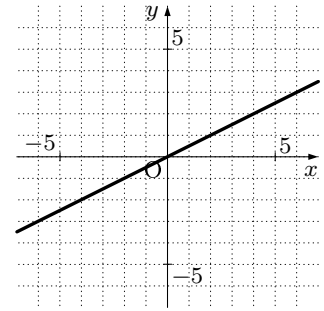
3. 以下の  に当てはまる値を答えなさい。

(例) 右のグラフの方程式を答えなさい。

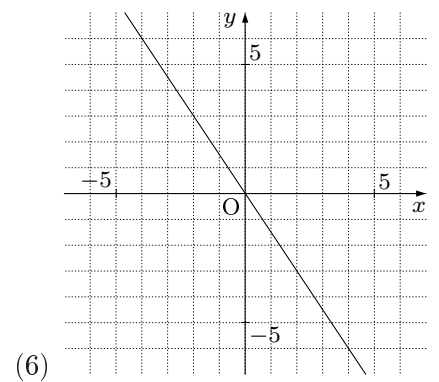
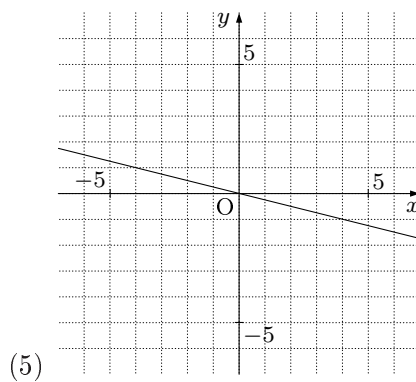
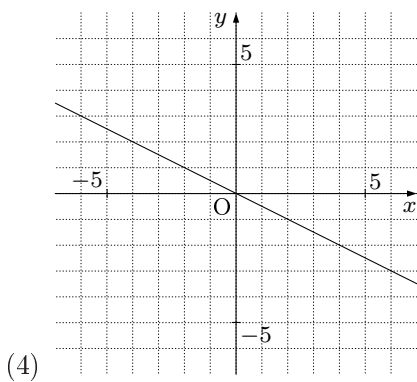
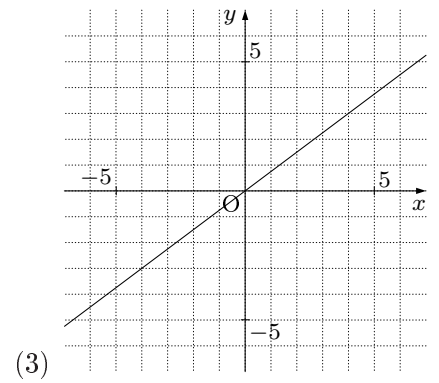
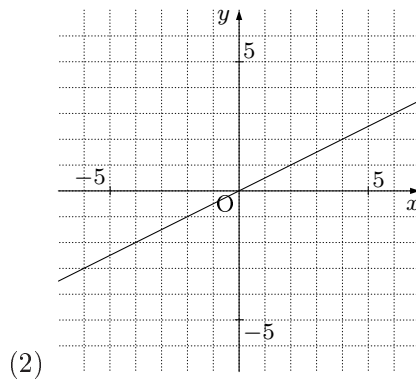
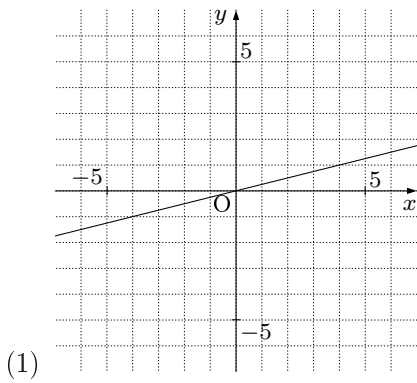
(解き方) 右のグラフは  $(0, \text{  })$  を通るので,  $y$  は  $x$  に比例する.

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

だから, 方程式は  $y = \frac{1}{2}x$  と分かる.

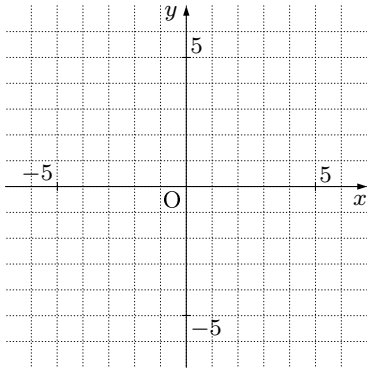


4. 次の関数の方程式を答えなさい。

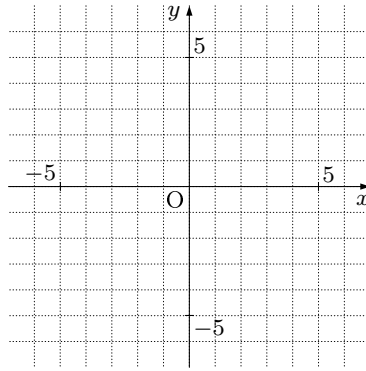


5. 次の関数のグラフを書きなさい。

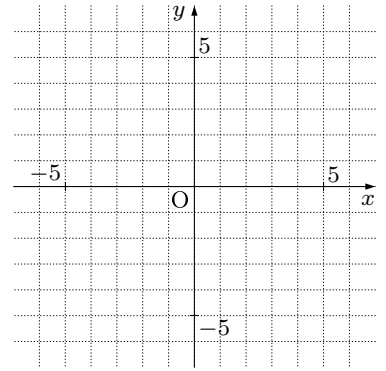
(1)  $y = -\frac{1}{2}x$



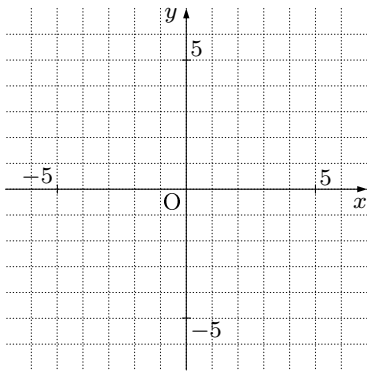
(2)  $y = \frac{1}{4}x$



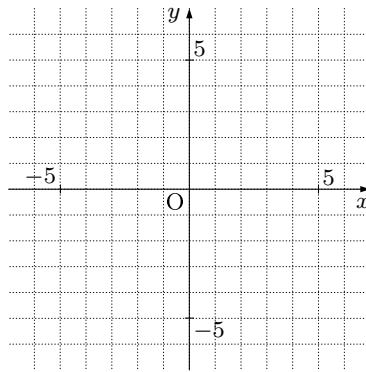
(3)  $y = \frac{4}{3}x$



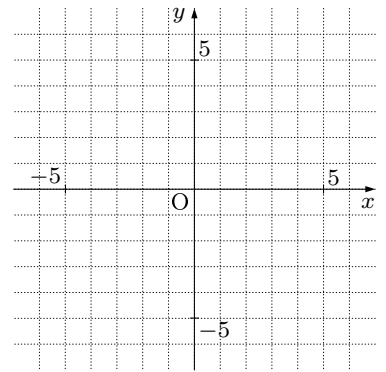
(4)  $y = -\frac{1}{4}x$



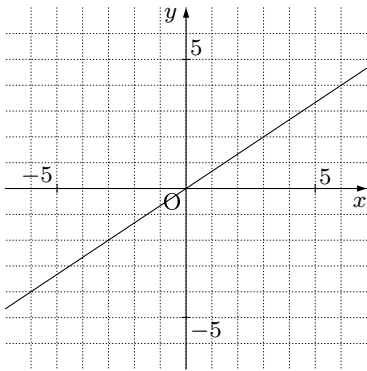
(5)  $y = -\frac{3}{2}x$



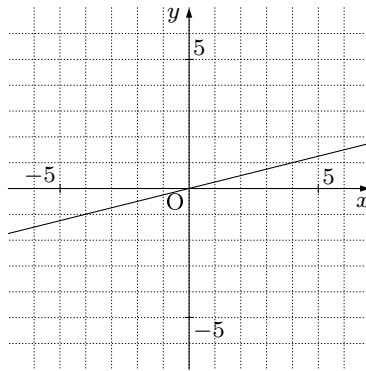
(6)  $y = -\frac{2}{3}x$



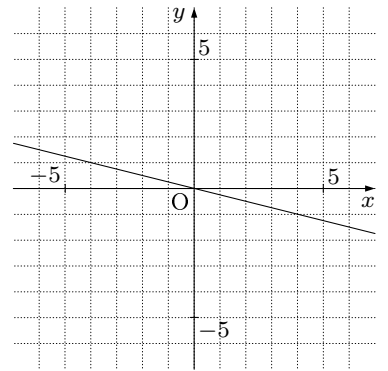
6. 次の関数の方程式を答えなさい。



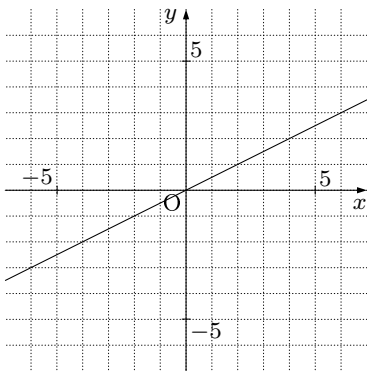
(1)



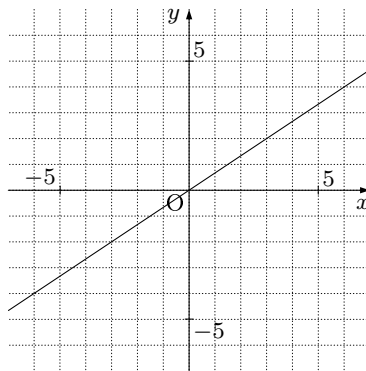
(2)



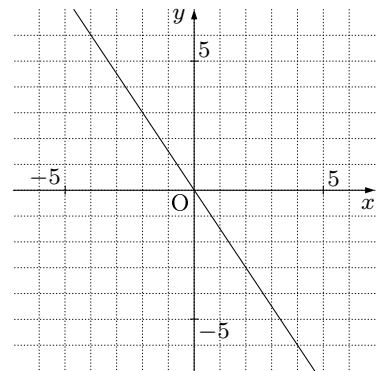
(3)



(4)



(5)

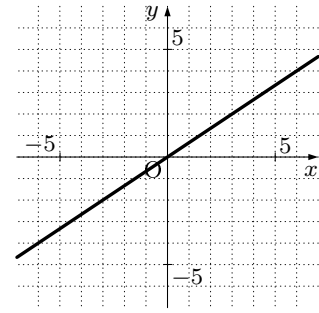


(6)

1. 以下の  に当てはまる値を答えなさい。

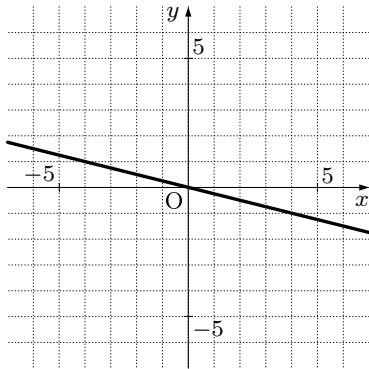
(例) 関数  $y = \frac{2}{3}x$  のグラフを書きなさい。

(解き方) 関数  $y = \frac{2}{3}x$  のグラフは, 原点を通り,  $x = 3$  のとき  $y = \boxed{2}$  である. つまり,  $(0, 0)$  と  $(3, \boxed{2})$  を通る直線が  $y = \frac{2}{3}x$  になるので, グラフは右のようなになる.

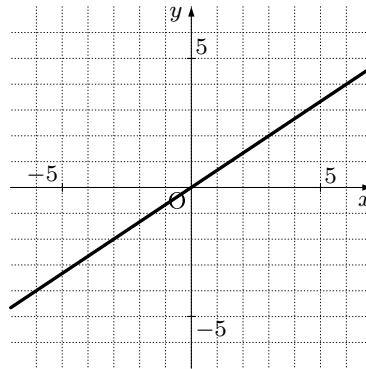


2. 次の関数のグラフを書きなさい。

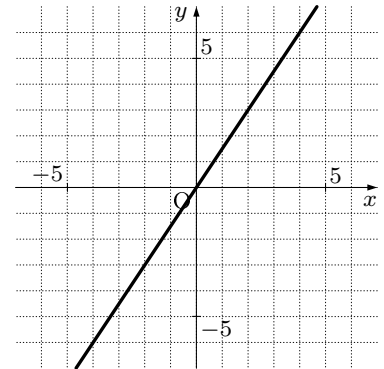
(1)  $y = -\frac{1}{4}x$



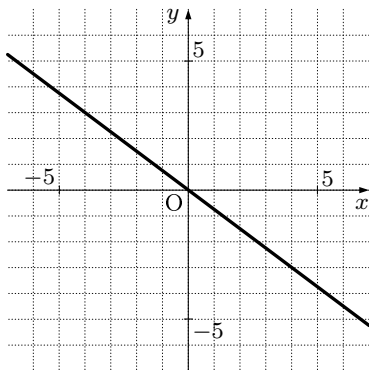
(2)  $y = \frac{2}{3}x$



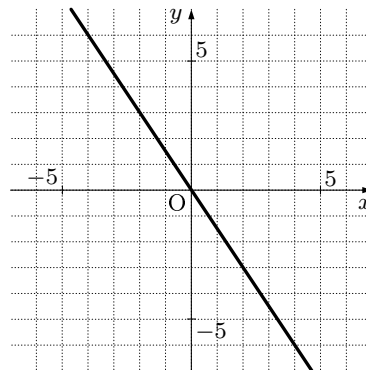
(3)  $y = \frac{3}{2}x$



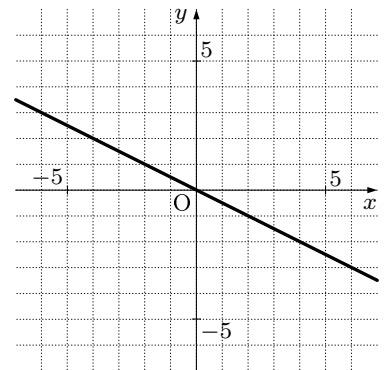
(4)  $y = -\frac{3}{4}x$



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



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



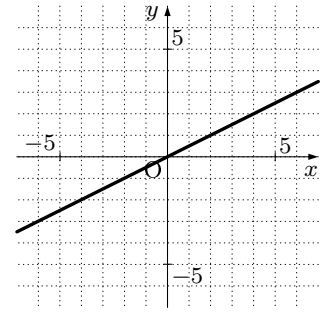
3. 以下の  に当てはまる値を答えなさい。

(例) 右のグラフの方程式を答えなさい。

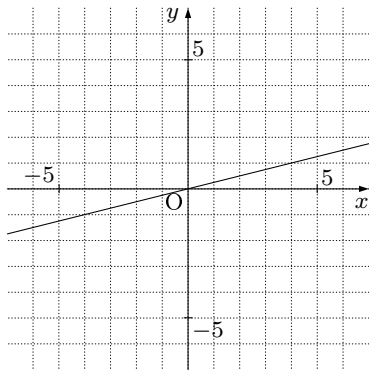
(解き方) 右のグラフは  $(0, \text{0})$  を通るので,  $y$  は  $x$  に比例する. また,

$(2, \text{1})$  を通るので,  $x=2$  のとき  $y = \text{1}$  である.

だから, 方程式は  $y = \frac{1}{2}x$  と分かる.

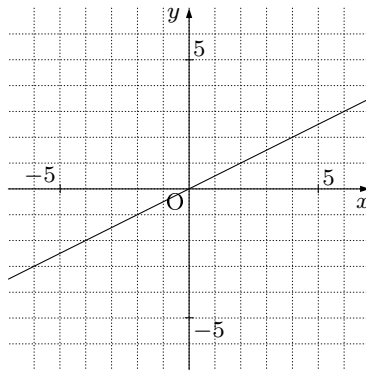


4. 次の関数の方程式を答えなさい。



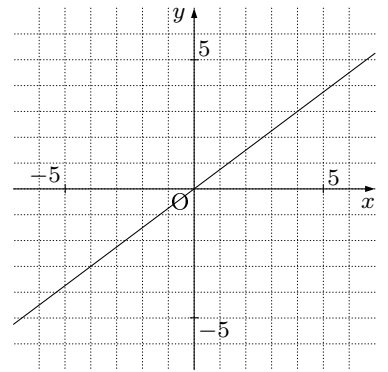
(1)

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



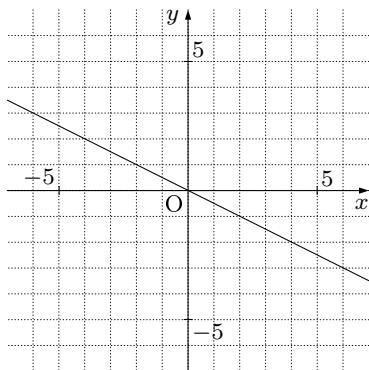
(2)

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



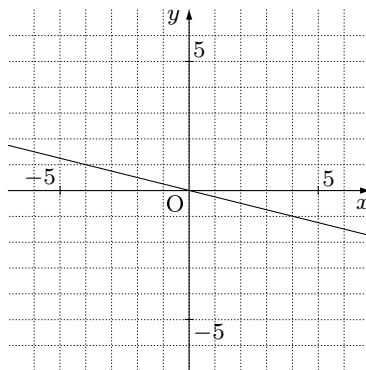
(3)

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



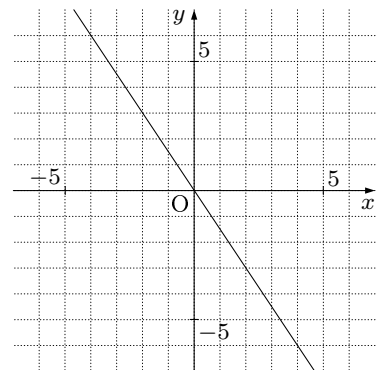
(4)

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



(5)

$$y = -\frac{1}{4}x$$

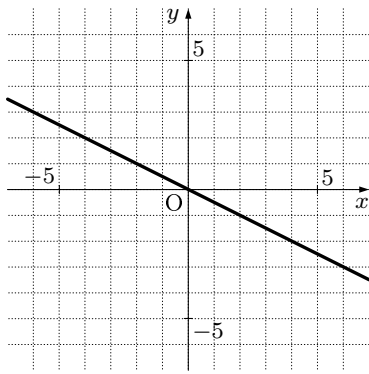


(6)

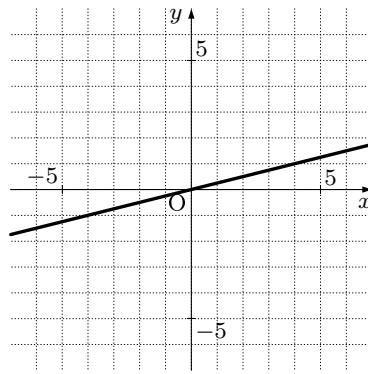
$$y = -\frac{3}{2}x$$

5. 次の関数のグラフを書きなさい。

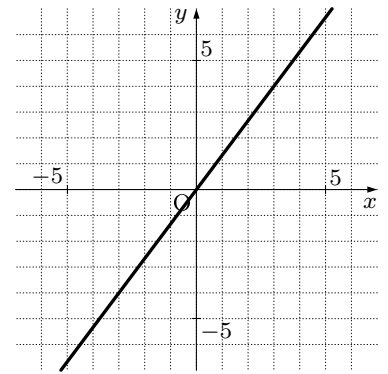
(1)  $y = -\frac{1}{2}x$



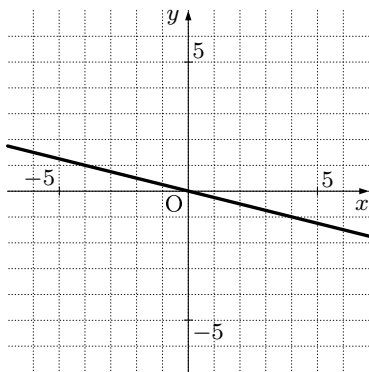
(2)  $y = \frac{1}{4}x$



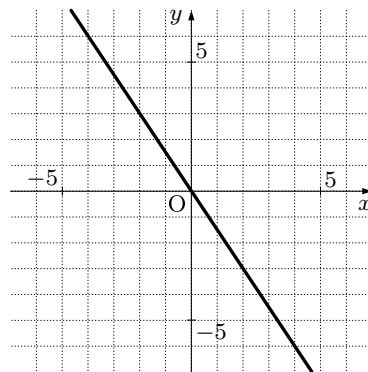
(3)  $y = \frac{4}{3}x$



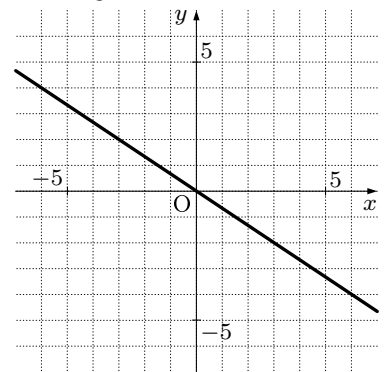
(4)  $y = -\frac{1}{4}x$



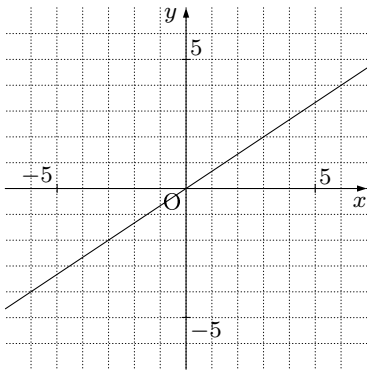
(5)  $y = -\frac{3}{2}x$



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

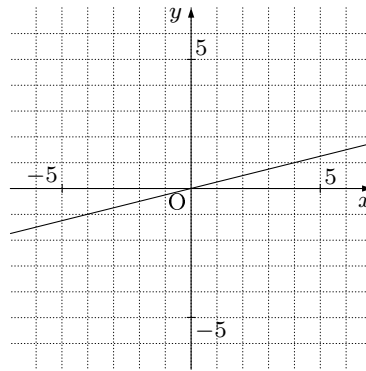


6. 次の関数の方程式を答えなさい。



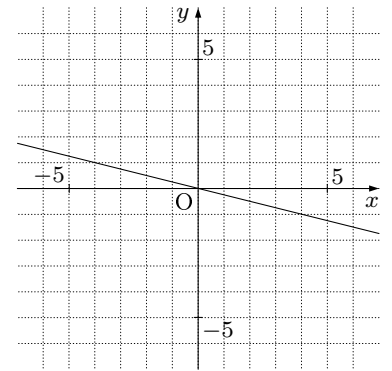
(1)

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



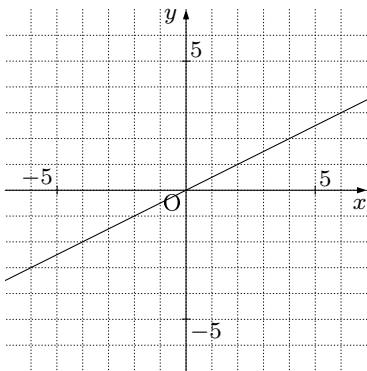
(2)

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



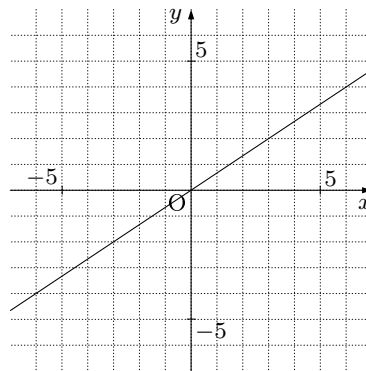
(3)

$y = -\frac{1}{4}x$



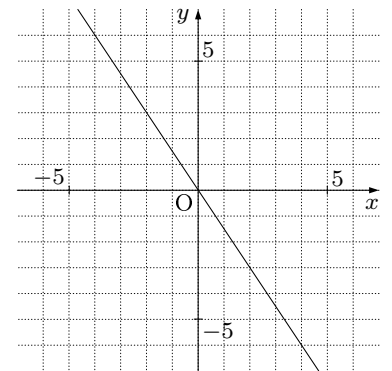
(4)

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



(5)

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



(6)

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