

# 直線の方程式

$$y = \text{傾き} x + \text{切片}$$

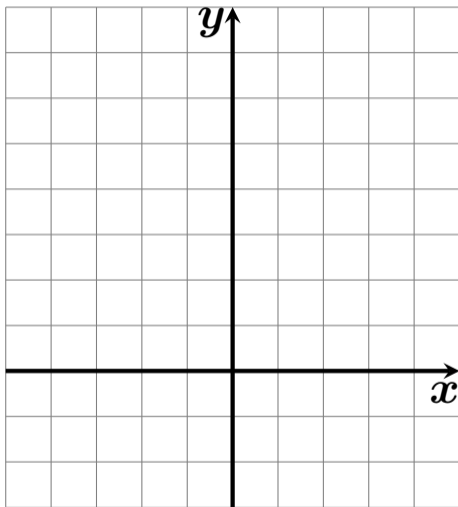
# 直線の方程式

$$y = \text{傾き} x + \text{切片}$$

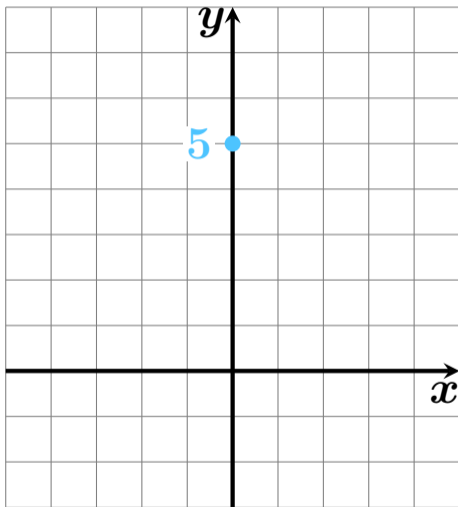
右に1いくと  
上下どれだけ  
増減するか？

$y$  軸との  
交点

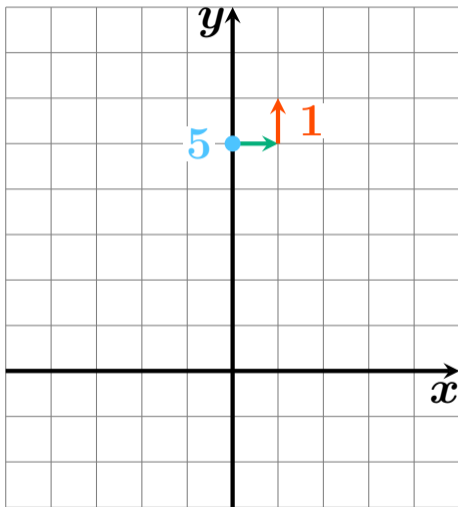
$y = x + 5$ ,  $y = -2x - 1$  の交点? #20 例 1



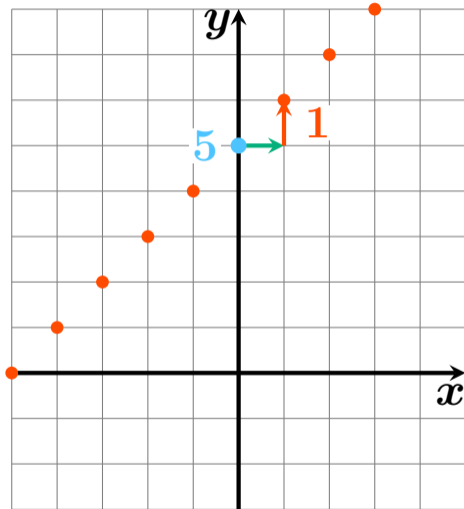
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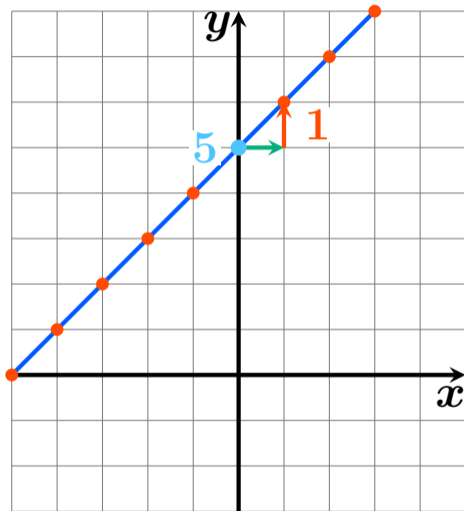
$y = 1x + 5$ ,  $y = -2x - 1$  の交点? #20 例 1



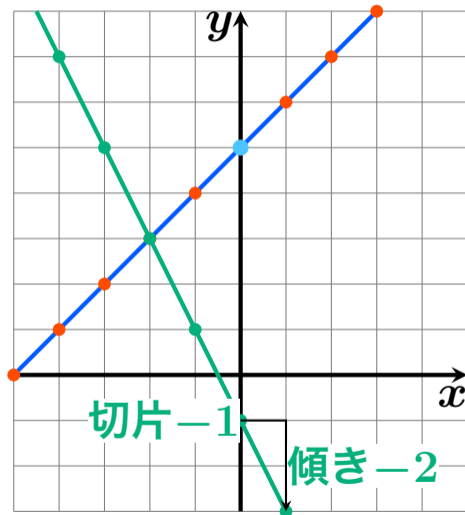
$y = 1x + 5$ ,  $y = -2x - 1$  の交点? #20 例 1



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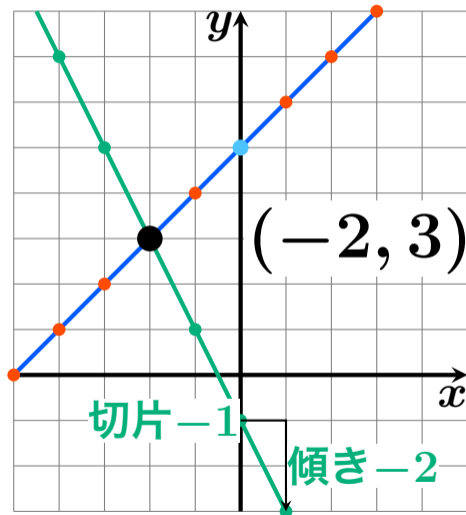


$y = 1x + 5$ ,  $y = -2x - 1$  の交点? #20 例 1





$y = 1x + 5$ ,  $y = -2x - 1$  の交点? #20 例 1



$(-2, 3)$  答

# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases} \quad \text{を解けば良い。}$$

$\textcircled{1}, \textcircled{2}$  から  $x + 5 = -2x - 1$

# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

$$\begin{aligned} \textcircled{1}, \textcircled{2} \text{ から} \quad x + 5 &= -2x - 1 \\ x + 2x &= -1 - 5 \end{aligned}$$

# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

①, ② から

$$x + 5 = -2x - 1$$

$$x + 2x = -1 - 5$$

$$3x = -6$$

# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases} \quad \text{を解けば良い。}$$

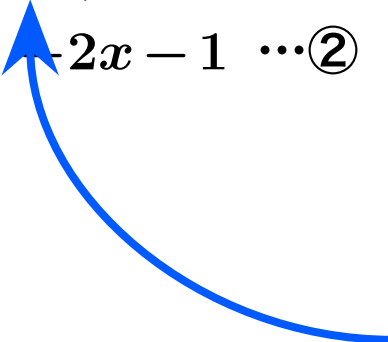
$$\begin{aligned} \textcircled{1}, \textcircled{2} \text{ から} \quad x + 5 &= -2x - 1 \\ x + 2x &= -1 - 5 \\ 3x &= -6 \\ x &= -2 \quad \textcircled{\text{答}} \end{aligned}$$

# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

$x =$   $-2$  ⓐ



# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

でもよい

$$x = \boxed{-2} \textcircled{\text{答}}$$



# $y = x + 5, y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

$$y = -2 + 5 = 3 \textcircled{\text{答}}$$

$$x = \boxed{-2} \textcircled{\text{答}}$$

# $y = x + 5$ , $y = -2x - 1$ の交点? #20 例 1

$$\begin{cases} y = x + 5 & \dots \textcircled{1} \\ y = -2x - 1 & \dots \textcircled{2} \end{cases}$$

を解けば良い。

$$y = -2 + 5 = 3 \textcircled{\text{答}}$$

よって交点の座標は  $(-2, 3)$   $\boxed{\text{答}}$

$$x = -2 \textcircled{\text{答}}$$