

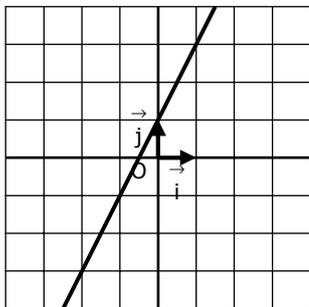
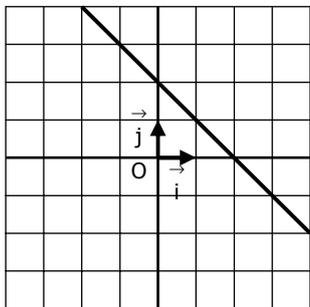
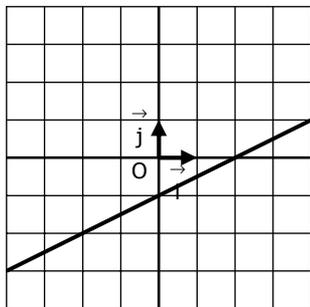
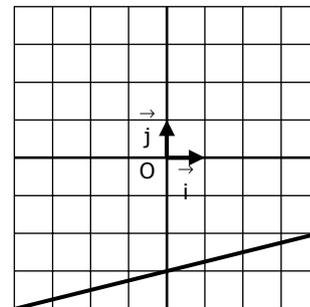
EXERCICE 2A.1

Dans chaque cas, déterminer les coefficients a et b de la fonction affine f dont on connaît deux points et leurs images.

| | | | |
|--|---|---|---|
| <p>1. $f(2) = 4$ et $f(5) = -2$</p> <p>• Calcul de a :</p> $a = \frac{f(u) - f(v)}{u - v}$ $a = \frac{f(2) - f(5)}{2 - 5}$ $a = \frac{4 - (-2)}{2 - 5}$ $a = \frac{6}{-3}$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">a = -2</div> | <p>2. $f(3) = 1$ et $f(5) = 7$</p> <p>• Calcul de a :</p> | <p>3. $f(-4) = 5$ et $f(-1) = 2$</p> <p>• Calcul de a :</p> | <p>4. $f(-1) = 5$ et $f(1) = -5$</p> <p>• Calcul de a :</p> |
| <p>• Calcul de b :</p> $f(x) = ax + b$ $\Leftrightarrow 4 = -2 \times 2 + b$ $\Leftrightarrow 4 = -4 + b$ $\Leftrightarrow 4 + 4 = b$ $\Leftrightarrow 8 = b$ | <p>• Calcul de b :</p> | <p>• Calcul de b :</p> | <p>• Calcul de b :</p> |

EXERCICE 2A.2

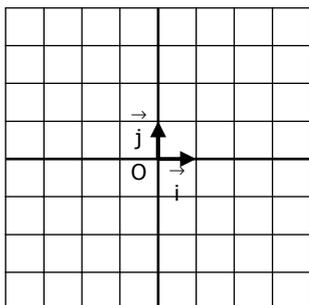
Déterminer graphiquement l'expression de la fonction affine dont on a tracé la courbe :

1. $f : x \mapsto \dots\dots\dots$ **2.** $f : x \mapsto \dots\dots\dots$ **3.** $f : x \mapsto \dots\dots\dots$ **4.** $f : x \mapsto \dots\dots\dots$ **EXERCICE 2A.3**

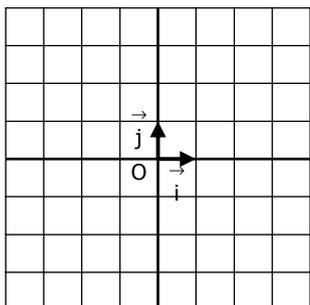
Tracer la courbe de la fonction affine dont on a donné l'expression :

1.

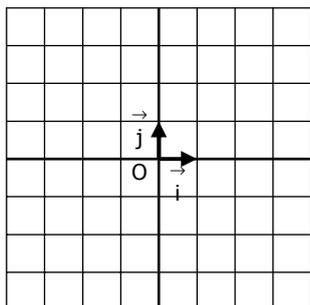
$f : x \mapsto -2x + 3$

**2.**

$f : x \mapsto 3x - 5$

**3.**

$f : x \mapsto \frac{2}{3}x + 1$

**4.**

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

