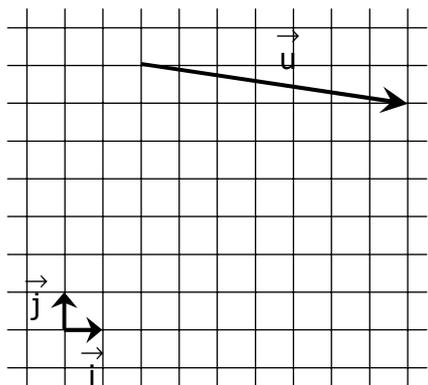


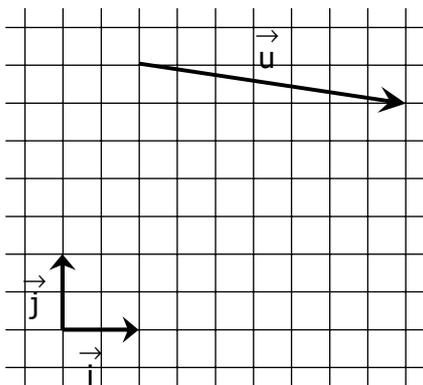
EXERCICE 3E.1

a. Trouver x et y tels que $\vec{u} = x\vec{i} + y\vec{j}$

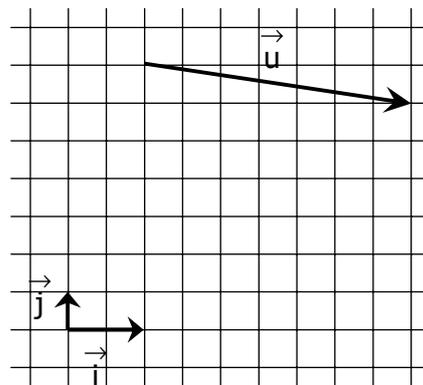
b. Tracer un vecteur $\vec{v} = 3\vec{i} - 2\vec{j}$



$\vec{u} = \dots\dots\dots$



$\vec{u} = \dots\dots\dots$

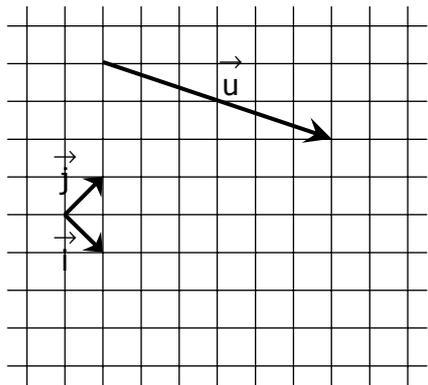


$\vec{u} = \dots\dots\dots$

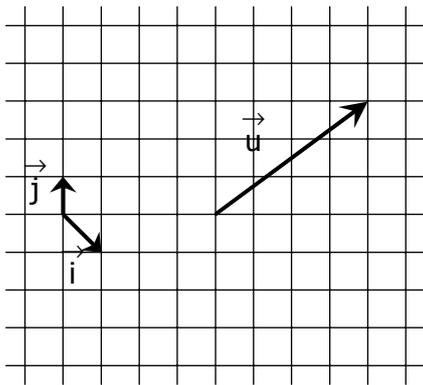
EXERCICE 3E.2

a. Trouver x et y tels que $\vec{u} = x\vec{i} + y\vec{j}$

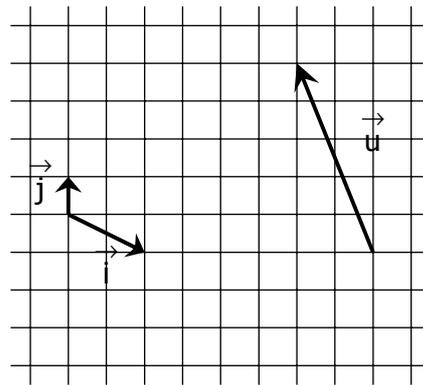
b. Tracer un vecteur $\vec{v} = -2\vec{i} + \vec{j}$



$\vec{u} = \dots\dots\dots$



$\vec{u} = \dots\dots\dots$



$\vec{u} = \dots\dots\dots$

EXERCICE 3E.3

On considère les vecteurs suivants :

$\vec{u} = 2\vec{i} + \vec{j}$

$\vec{v} = 3\vec{j}$

$\vec{w} = -2\vec{i} + \vec{j}$

$\vec{x} = 3\vec{i} + 2\vec{j}$

$\vec{y} = -3\vec{i}$

$\vec{z} = \vec{i} - 3\vec{j}$

Exprimer en fonction de \vec{i} et \vec{j} les vecteurs suivants :

$\vec{u} + \vec{v} =$
$\vec{w} - \vec{x} =$
$-3\vec{z} =$
$\vec{u} + 2\vec{v} + 3\vec{w} =$
$2\vec{w} - \vec{x} + 3\vec{z} - \vec{y} =$