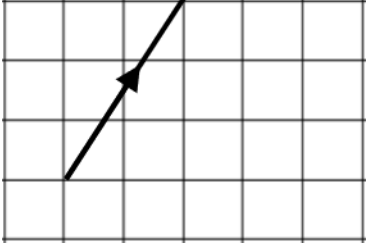
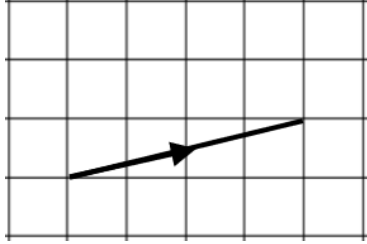
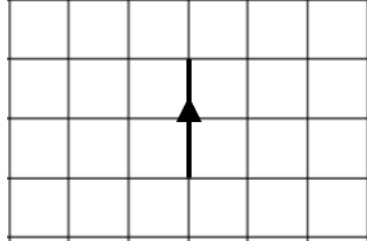
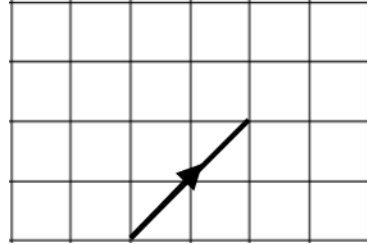
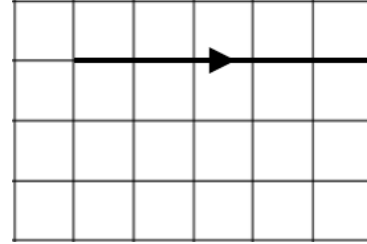
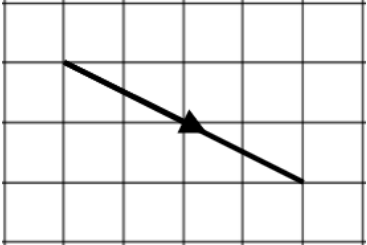
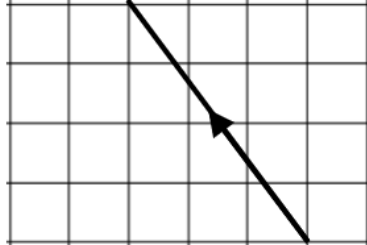
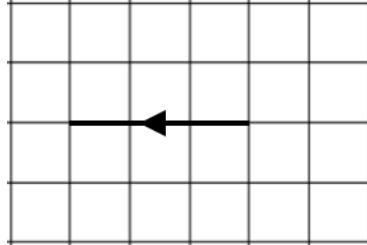
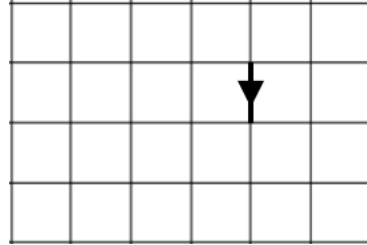
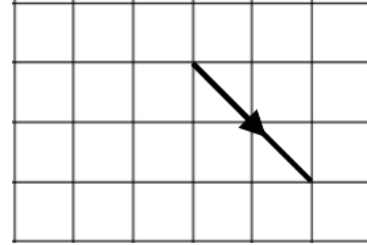
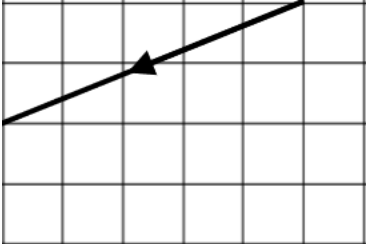
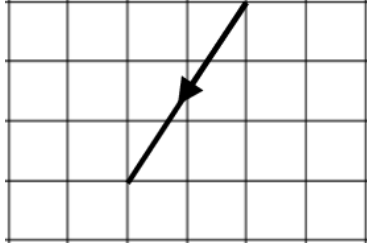
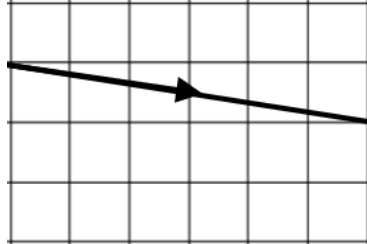
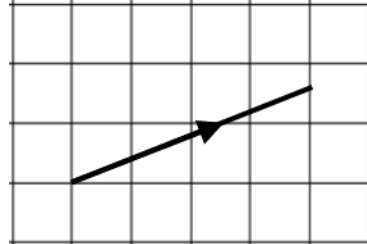
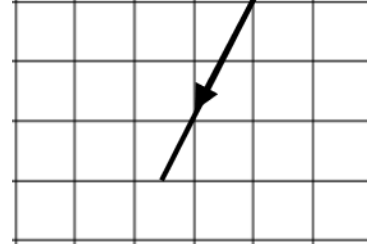


Describing Vectors

Describe the following vectors as column vectors.

(a)	(b)	(c)	(d)	(e)
 $\begin{pmatrix} 2 \\ 3 \end{pmatrix}$	 $\begin{pmatrix} 4 \\ 1 \end{pmatrix}$	 $\begin{pmatrix} 0 \\ 2 \end{pmatrix}$	 $\begin{pmatrix} 2 \\ 2 \end{pmatrix}$	 $\begin{pmatrix} 5 \\ 0 \end{pmatrix}$
(f)	(g)	(h)	(i)	(j)
 $\begin{pmatrix} 4 \\ -2 \end{pmatrix}$	 $\begin{pmatrix} -3 \\ 4 \end{pmatrix}$	 $\begin{pmatrix} -3 \\ 0 \end{pmatrix}$	 $\begin{pmatrix} 0 \\ -1 \end{pmatrix}$	 $\begin{pmatrix} 2 \\ -2 \end{pmatrix}$
(k)	(l)	(m)	(n)	(o)
 $\begin{pmatrix} -5 \\ -2 \end{pmatrix}$	 $\begin{pmatrix} -2 \\ -3 \end{pmatrix}$	 $\begin{pmatrix} 6 \\ -1 \end{pmatrix}$	 $\begin{pmatrix} 4 \\ 1.5 \end{pmatrix}$	 $\begin{pmatrix} -1.5 \\ -3 \end{pmatrix}$