

## Translating Shapes

<b>(a)</b> Translate the shape 3 units to the right.	<b>(b)</b> Translate the shape 4 units right and 1 unit up.	<b>(c)</b> Translate the shape 3 units left and 2 units down.
<b>(d)</b> Translate the shape by $\begin{pmatrix} 4 \\ 2 \end{pmatrix}$	<b>(e)</b> Translate the shape by $\begin{pmatrix} 3 \\ 1 \end{pmatrix}$	<b>(f)</b> Translate the shape by $\begin{pmatrix} -2 \\ 2 \end{pmatrix}$
<b>(g)</b> Translate the shape by $\begin{pmatrix} 4 \\ -1 \end{pmatrix}$	<b>(h)</b> Translate the shape by $\begin{pmatrix} -1 \\ 3 \end{pmatrix}$	<b>(i)</b> Translate the shape by $\begin{pmatrix} 2 \\ -3 \end{pmatrix}$
<b>(j)</b> Translate the shape by $\begin{pmatrix} -2 \\ -4 \end{pmatrix}$	<b>(k)</b> Translate the shape by $\begin{pmatrix} -5 \\ -1 \end{pmatrix}$	<b>(l)</b> Translate the shape by $\begin{pmatrix} 0.5 \\ -3 \end{pmatrix}$