1. 

$$
\mathbf{p}=\binom{5}{-2} \quad \mathbf{q}=\binom{-3}{1}
$$

Work out $2 \mathbf{p}+3 \mathbf{q}$ as a column vector.

$$
\left(\begin{array}{l}
\ldots \\
\ldots \\
\ldots
\end{array}\right)
$$

2. 

$$
\mathbf{a}=\binom{3}{-2} \quad \mathbf{b}=\binom{-2}{5}
$$

Work out $4 \mathbf{a}+3 \mathbf{b}$ as a column vector.

$$
\binom{\ldots .}{\ldots .}
$$

3. 

$$
\mathbf{p}=\binom{2}{-3} \quad \mathbf{q}=\binom{-2}{1}
$$

Work out $\mathbf{p}+2 \mathbf{q}$ as a column vector.

$$
\left(\begin{array}{l}
\ldots \\
\ldots \\
\cdots
\end{array}\right)
$$

Answers

1. 1
-1
2. 6

7
3. -2
-1

