

$$1. \quad \mathbf{a} = \begin{pmatrix} 4 \\ -1 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} -3 \\ 5 \end{pmatrix}$$

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

$$\begin{pmatrix} \dots \\ \dots \end{pmatrix}$$

$$2. \quad \mathbf{a} = \begin{pmatrix} 1 \\ 3 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} -2 \\ 5 \end{pmatrix}$$

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

$$\begin{pmatrix} \dots \\ \dots \end{pmatrix}$$

$$3. \quad \mathbf{a} = \begin{pmatrix} 5 \\ -3 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} -2 \\ 1 \end{pmatrix}$$

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

$$\begin{pmatrix} \dots \\ \dots \end{pmatrix}$$

Answers

1. 1
4

2. -1
8

3. 3
-2