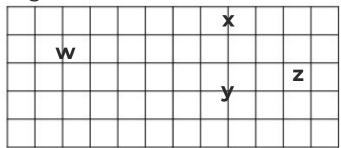
Maths

Miss Davies

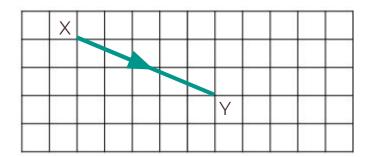


1. Vectors **w, x, y** and **z** are drawn on the grid.



- a) Write w as a column vector.
- b) Write \mathbf{x} as a column vector.
- c) Write **y** as a column vector.
- d) Write **z** as a column vector.

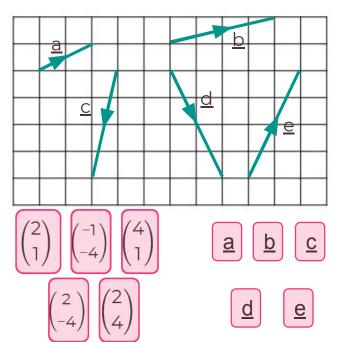
2. Imran says that vector \overrightarrow{XY} is $\begin{pmatrix} -2\\5 \end{pmatrix}$.



- a) What mistake has Imran made?
- b) What is the correct answer for vector \overrightarrow{XY} ?



3. Use the grid to match up the cards.

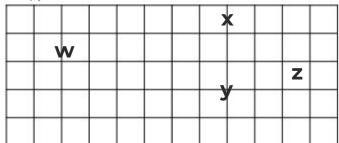




Answers

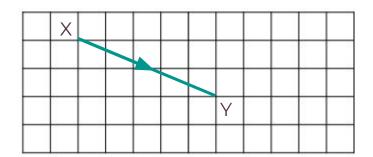


1. Vectors **w, x, y** and **z** are drawn on the grid.



- a) Write **w** as a column vector. $\binom{3}{2}$
- b) Write ${\bf x}$ as a column vector.
- c) Write **y** as a column vector. $\binom{-3}{3}$ d) Write **z** as a column vector. $\binom{0}{3}$

2. Imran says that vector \overrightarrow{XY} is $\binom{-2}{5}$.



- a) What mistake has Imran made? He has got the vertical and horizontal parts the wrong way round.
- b) What is the correct answer for vector

$$\overrightarrow{XY}$$
? $\begin{pmatrix} 5 \\ -2 \end{pmatrix}$



3. Use the grid to match up the cards.

