





You can get the numerical representation by following the arrow along the grid.

- 1



Which vector corresponds to $\begin{bmatrix} -1\\2 \end{bmatrix}$? Vector a



- Vector **b**
 - Vector c
 - Correct

What vector is 2c?

Vector \mathbf{d}

You can get the numerical representation by following the arrow along the grid.

Please select all correct answers.

3.



Correct Multiplying by a positive scalar is like stretching out a vector in the same

 $\begin{bmatrix} 2 \\ 2 \end{bmatrix}$

Correct A scalar multiple of a vector can be calculated by multiplying each component.

What vector is $-\mathbf{b}$?

Please select all correct answers.

Un-selected is correct



4.

A scalar multiple of a vector can be calculated by multiplying each component.

 \mathbf{d}

Multiplying by a negative changes the direction of the vector.

Un-selected is correct

Un-selected is correct

What is the vector $\mathbf{b} + \mathbf{e}$?



5.

Correct

You add vectors entry by entry.

What is the vector $\mathbf{d} - \mathbf{b}$?





6.

Correct

Remember that vectors add by attaching the end of one to the start of the other.