

Exercise 8

In Exercises 5 to 8, sketch the given vectors \mathbf{v} and \mathbf{w} . On your sketch, draw in $-\mathbf{v}$, $\mathbf{v} + \mathbf{w}$, and $\mathbf{v} - \mathbf{w}$.

$$\mathbf{v} = (2, 1, 3) \text{ and } \mathbf{w} = (-2, 0, -1)$$

Solution

To add two vectors geometrically, form the parallelogram they make and draw the bisecting diagonal.

