

## Exercise 5

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  $\mathbf{v} - \mathbf{w}$ .

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

### Solution

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

