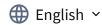
Solving some simultaneous equations



Practice Assignment • 15 min



Your grade: 100%

Your latest: 100% • Your highest: 100%

To pass you need at least 80%. We keep your highest score.

Next item →

1. In this quiz you'll be reminded of how to solve linear simultaneous equations as a way to practice some basic linear algebra. Some of the ideas presented here will be relevant later in the course.

1/1 point

Solving simultaneous equations is the process of finding the values of the variables (here x and y) that satisfy the system of equations. Let's start with the simplest type of simultaneous equation, where we already know all but one of the variables:

$$3x - y = 2$$

$$x = 4$$

Substitute the value of x into the first equation to find y, then select the correct values of x and y below.

$$\bigcirc x = 4, y = 14$$

$$\bigcirc \ x=4,y=2$$

$$x = 4, y = 10$$

$$x = 4, y = -10$$

⊘ Correct

When you know one of the variables, substituting it into one of the equations is a good way to find the other variable.