Practice Quiz, 5 questions

Congratulations! You passed!

Next Item



1/1 point

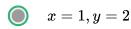
This quiz is a refresher in solving simultaneous equations, which you should already be familiar with. If you need a reminder on how to do these, feel free to search online for a handy guide!

Solve the system of equations given by:

$$3x + 2y = 7$$

$$2x + 3y = 8$$

$$x=2,y=1$$



Correct

Substitution and elimination is a good method of solving a simple system of linear equations.

$$\bigcirc \quad x=2,y=3$$

$$\bigcirc \quad x=3,y=2$$

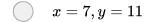


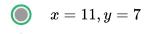
1/1

point

2.

$$-13x + 7y = -94$$





Correct

Substitution and elimination is a good method of solving a simple system of linear equations.

$$x = -13, y = 7$$

$$\bigcirc \quad x=9, y=-17$$



point

3.

Solve the system of equations given by:

$$5x - 2y = -13$$

$$4x + 5y = -6$$



Substitution and elimination is a good method of solving a simple system of linear equations.

$$\qquad \qquad x=-\tfrac{5}{3},y=\tfrac{3}{2}$$

$$x = -\frac{3}{7}, y = \frac{2}{5}$$

$$x = \frac{5}{3}, y = -\frac{3}{5}$$



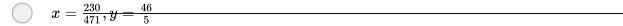
20x - 18y = 39



$$x = \frac{471}{230}, y = \frac{5}{46}$$

Correct

Substitution and elimination is a good method of solving a simple system of linear equations.



$$x = rac{5}{46}, y = rac{471}{230}$$

$$x = rac{5}{230}, y = rac{471}{46}$$



Solve the system of equations given by:

$$3x - 2y + z = 7$$

$$x + y + z = 2$$

$$3x - 2y - z = 3$$

$$x = 1, y = -1, z = -2$$

$$x = -1, y = 2, z = 1$$

Correct

Substitution and elimination can be extended to more than two variables.

$$\qquad \qquad x=-1, y=2, z=-1$$

Solving some simultaneous equations Practice Quiz, 5 questions

5/5 points (100%)