Questions: Introduction to simultaneous equations

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Summary

Questions relating to the introduction to simultaneous equations study guide.

*Before attempting these questions, it is highly recommended that you read* [*Guide: Introduction to simultaneous equations*](../studyguides/introtosimeqs.qmd)*.*

## Q1

Find how many solutions exist for the following sets of simultaneous equations.

1.1.

1.2.

1.3.

## Q2

Using the substitution method, solve for and in the following pairs of simultaneous equations.

2.1.

2.2.

2.3.

2.4.

2.5.

2.6.

2.7.

## Q3

Using the elimination methods, solve for and in the following pairs of simultaneous equations.

3.1.

3.2.

3.3.

3.4.

3.5.

3.6.

3.7.

## Q4

For the following sets of simultaneous equations, decide on the best method to use (between the substitution and elimination method) and solve for and .

4.1.

4.2.

4.3.

4.4.

4.5.

[After attempting the questions above, please click this link to find the answers.](../answers/as-introtosimeqs.qmd)

## Version history

v1.0: initial version created 12/24 by Ollie Brooke as part of a University of St Andrews VIP project.

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