Questions: Completing the square

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Summary

A selection of questions for the study guide on completing the square.

*Before attempting these questions, it is highly recommended that you read* [*Guide: Completing the square*](../studyguides/completingthesquare.qmd)*.*

## Q1

Express each of the following quadratic expressions in the form , where are numbers.

1.1. .

1.2. .

1.3. .

1.4.

1.5. .

1.6. .

1.7. .

1.8. .

1.9. .

1.10. .

1.11. .

1.12. .

## Q2

Express each of the following quadratic expressions in the form , where are numbers.

2.1. .

2.2. .

2.3. .

2.4.

2.5. .

2.6. .

2.7. .

2.8. .

## Q3

Using your working from Q1 and Q2, solve the following quadratic equations.

3.1. .

3.2. .

3.3. .

3.4. .

3.5. .

3.6. .

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

## Version history and licensing

v1.0: initial version created 09/24 by tdhc.

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