Questions: Using the quadratic formula

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A selection of questions on using the quadratic formula.

*Before attempting these questions, it is recommended that you read* [*Guide: Using the quadratic formula*](../studyguides/quadraticformula.qmd)*.*

## Q1

Using the quadratic formula or otherwise, solve the following quadratic equations.

1.1. .

1.2. .

1.3. .

1.4. .

1.5. .

1.6. .

1.7. .

1.8. .

1.9. .

1.10. .

1.11. .

1.12.

1.13.

1.14. .

1.15. .

1.16. .

## Q2

In [Questions: Introduction to quadratic equations](qs-introtoquadratics.qmd), you saw that the following expressions are all quadratic equations in disguise. Solve these for the variable indicated.

2.1. ; solve for .

2.2. ; solve for .

2.3. ; solve for .

2.4. ; solve for .

2.5. ; solve for .

2.6. ; solve for (you may need [Guide: Introduction to logarithms](../studyguides/logarithms.qmd) to express your answers.)

[Please click this link to find the answers.](../answers/as-quadraticformula.qmd)