**Quadratic Formula Homework**

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| **Literacy**  quadratic, substitute, formula, equation, solve, roots | **Research**  Find out what the discriminant is and what it is used for. | **Memory**  Memorise the formula |
| **Skills**   |  | | --- | | Use the quadratic formula to solve the following equations. Where necessary, round your answers to one decimal place. | |  | |  | |  | |  | | | **Stretch**  Use the quadratic formula to solve the following equations. Where necessary, round your answers to one decimal place. |

**Answers**

Skills

1. 2 and 1
2. - 6.2 and -0.8
3. 3 and -0.5
4. 5 (repeated root)

Stretch

1. 2.6 and -1.1
2. 4.6 and -0.6
3. 2.2 and -1.2