**Solving Quadratic Equation**

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| Intro |  |
| 1 | Type 1: No linear term  e.g. 1  e.g. 2 |
| 2 | Type 2: No constant term  (Note: Do not divide by x, as it will becomes a linear equation instead)  e.g. 1 |
| 3 | Type 3: Solve by Factorization  e.g. 1 |
| 4 | Type 4: Completed Square form  e.g. 1  e.g. 2 |
| 5 | Type 5: Solve by completing Square  e.g. 1  Condition: |
| 6 | Type 6: Solve by Formulae  Prove (Solve by Type 5 Completing square): |