**The Quadratic Formula**

A general quadratic equation:

The quadratic formula:

Fill in the blanks below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Equation** | **Quadratic formula** | **Simplified** | **Solutions (dp)** |
|  |  |  | and |
|  |  |  | and |
|  |  |  | and |
|  |  |  | and |
|  |  |  | and |
|  |  |  | and |
|  |  |  | and |
|  |  |  | and |

Can you link each quadratic formula below to each function?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function** |  | **Equation** |  | **Quadratic formula** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  | No solutions |
|  |  |  |  |  |
|  |  |  |  |  |