Solving Quadratic Equations

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| Method | Can be used | When to use | Example |
| Factoring |  |  | $$x^{2}+4x-45=0$$ |
| Square Root |  |  | $$\left(x-5\right)^{2}=18$$ |
| Completing the Square |  |  | $$r^{2}+19r+26=8$$ |
| Quadratic Formula |  |  | $$2x^{2}+6x-7=0$$ |