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| **Fill in the Blanks** | **Solving Quadratics by Factorising** |

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| **Quadratic Equation** | **Factorised Equation** | **1st Equation** | **2nd Equation** | **1st Solution** | **2nd Solution** |
| $$x^{2}+8x+15=0$$ | $$\left(x+5\right)\left(x+3\right)=0$$ | $$x+5=0$$ | $$x+3=0$$ | $$x=-5$$ | $$x=-3$$ |
| $$x^{2}-8x-20=0$$ |  |  |  |  |  |
| $$x^{2}-x-20=0$$ |  |  |  |  |  |
| $$x^{2}-x-6=0$$ |  |  |  |  |  |
| $$x^{2}-5x+6=0$$ |  |  |  |  |  |
| $$x^{2}-5x+4=0$$ |  |  |  |  |  |
| $$x^{2}-4x+4=0$$ |  |  |  |  |  |
|  | $$\left(x-7\right)\left(x+3\right)=0$$ |  |  |  |  |
|  |  | $$x-8=0$$ | $$x+5=0$$ |  |  |
|  |  | $$x+6=0$$ |  |  | $$x=-7$$ |
|  |  |  |  | $$x=3$$ | $$x=-5$$ |