Fill In The Blanks…

**Solving Harder Quadratic Inequalities**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Quadratic Inequality** | **Rearrange** | **Factorise** | **Critical Values** | **Sketch and Shade** | **Solution** |
| $$x^{2}<7x-12$$ | $$x^{2}-7x+12<0$$ |  |  |  |  |
| $$3x^{2}+5\geq 16x$$ |  |  |  |  |  |
| $$x^{2}>3x$$ |  |  |  |  |  |
| $$2x^{2}<6+11x$$ |  |  |  |  |  |
| $$\frac{4x^{2}+5x}{3}\leq 2$$ |  |  |  |  |  |