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| **Name the Film** | **Solving Harder Quadratics by Factorising** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$x=-5$$ | $$x=-\frac{2}{3}$$ | $$x=3$$ | $$x=-\frac{1}{3}$$ | $$x=1$$ | $$x=\frac{5}{2}$$ | $$x=9$$ | $$x=\frac{4}{3}$$ | $$x=\frac{1}{2}$$ | $$x=-4$$ | $$x=4$$ | $$x=\frac{5}{3}$$ | $$x=0$$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$x=\frac{10}{3}$$ | $$x=\frac{1}{3}$$ | $$x=7$$ | $$x=-\frac{1}{2}$$ | $$x=6$$ | $$x=-6$$ | $$x=2$$ | $$x=-\frac{10}{3}$$ | $$x=-\frac{5}{2}$$ | $$x=-2$$ | $$x=8$$ | $$x=\frac{5}{4}$$ | $$x=5$$ |

Find the missing numbers, link your answers to the table above and unjumble the letters to find the name of a film:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Equation | $$x^{2}-36=0$$ | $$x^{2}-7x=0$$ | $$x^{2}-3x+2=0$$ | $$2x^{2}-3x+1=0$$ | $$3x^{2}-x-2=0$$ | $$3x^{2}+14x-5=0$$ |
| Solutions |  |  |  |  |  |  |
| Letters |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Equation | $$3x^{2}-22x+24=0$$ | $$2x^{2}+11x-6=0$$ | $$5x^{2}-30x=0$$ | $$6x^{2}=5-13x$$ | $$9x(x+3)=10$$ |
| Solutions |  |  |  |  |  |
| Letters |  |  |  |  |  |

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| --- | --- |
| The name of the film is: |   |