****

Name the Film

**Factorising Quadratics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$(x-1)$$ | $$(x-10)$$ | $$(x+4)$$ | $$(x-9)$$ | $$(x-2)$$ | $$(x+5)$$ | $$(x+8)$$ | $$(x-11)$$ | $$(x-3)$$ | $$(x+9)$$ | $$(x+13)$$ | $$(x+10)$$ | $$(x+6)$$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$(x-5)$$ | $$(x+1)$$ | $$(x-7)$$ | $$(x-13)$$ | $$(x-4)$$ | $$(x+3)$$ | $$(x-8)$$ | $$(x+2)$$ | $$(x-12)$$ | $$(x+7)$$ | $$(x+11)$$ | $$(x-6)$$ | $$(x+12)$$ |

Factorise the quadratics, link your answers to the table above and unjumble the letters to find the name of a film:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Quadratic | $$x^{2}+10x+16$$ | $$x^{2}-5x+4$$ | $$x^{2}-12x+27$$ | $$x^{2}-6x+5$$ | $$x^{2}+4x+3$$ |
| Brackets |  |  |  |  |  |
| Letters |  |  |  |  |  |
|  |  |  |  |  |  |
| Quadratic | $$x^{2}-3x-40$$ | $$x^{2}-13x+22$$ | $$x^{2}+7x-8$$ | $$x^{2}+9x-10$$ | $$x^{2}+5x-66$$ |
| Brackets |  |  |  |  |  |
| Letters |  |  |  |  |  |