|  |  |
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| **Name the Film** | **Factorising Cubics** |

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cubic | $$x^{3}+x^{2}-10x+8$$ | $$x^{3}+8x^{2}+5x-14$$ | $$x^{3}-9x^{2}+23x-15$$ | $$x^{3}-6x^{2}-19x+24$$ |
| Brackets |  |  |  |  |
| Letters |  |  |  |  |
|  |  |  |  |  |  |
| Cubic | $$x^{3}-12x^{2}+41x-42$$ | $$x^{3}-x^{2}-50x-48$$ | $$x^{3}-x^{2}-32x+60$$ | $$x^{3}-3x^{2}-34x-48$$ |
| Brackets |  |  |  |  |
| Letters |  |  |  |  |

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