

# Name the Film

# Factorising Cubics

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	$(x - 1)(x + 4)(x - 2)$	$(x + 7)(x - 1)(x + 2)$	$(x - 1)(x - 5)(x - 3)$	$(x + 3)(x - 8)(x - 1)$
Letters	ACE	WAR	ANH	STA

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	$(x - 2)(x - 7)(x - 3)$	$(x - 8)(x + 1)(x + 6)$	$(x + 6)(x - 2)(x - 5)$	$(x + 3)(x - 8)(x + 2)$
Letters	EPH	TOM	MEN	STR

The name of the film is: **STAR WARS THE PHANTOM MENACE**