



# Name the Film



## Solving Equations with Brackets

A	B	C	D	E	F	G	H	I	J	K	L	M
$x = 2$	$x = -15$	$x = 9$	$x = 17$	$x = 16$	$x = 1$	$x = 3$	$x = -7$	$x = 4$	$x = 15$	$x = \frac{1}{2}$	$x = -4$	$x = \frac{3}{2}$

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$x = -2$	$x = \frac{7}{2}$	$x = 7$	$x = -5$	$x = -\frac{1}{2}$	$x = -13$	$x = 10$	$x = -5$	$x = \frac{5}{2}$	$x = 5$	$x = -6$	$x = \frac{2}{7}$	$x = -17$

Solve each equation, link your answers to the table above and unjumble the letters to find the name of a film:

Equation	$3(x - 2) = 9$	$8(2 + x) = 4x$	$x + 1 = 5(x - 3)$	$6(2x + 1) = 7x + 16$	$4(3 - x) = 6x + 7$
Solution	$x = 5$	$x = -4$	$x = 4$	$x = 2$	$x = \frac{1}{2}$
Letters	W	L	I	A	K

Equation	$5(4 - x) + 8 = 3x$	$4(x - 1) = 2(3x - 11)$	$2(x - 1) = 4(x + 7)$	$3(x - 2) + 2(x + 1) = 21$	$\frac{3(x - 5)}{2} = x + 1$
Solution	$x = \frac{7}{2}$	$x = 9$	$x = -15$	$x = 5$	$x = 17$
Letters	O	C	B	W	D

Answer: BLACK WIDOW