

# CODE BREAKER

## EXPANDING A BRACKET [2]

A	B	C	D	E	F	G	H	I	J	K	L	M
$6a + 9$	$4a + 1$	$2a - 8$	$9a + 6$	$6a - 6$	$8a - 8$	$2a + 4$	$4a - 2$	$8a - 4$	$9a - 3$	$8a + 4$	$4a + 6$	$2a - 4$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$4a + 2$	$6a - 12$	$6a + 3$	$2a + 6$	$6a + 18$	$4a + 4$	$9a - 6$	$a - 1$	$9a + 3$	$2a + 2$	$6a + 4$	$4a - 8$	$8a - 6$

Answer the questions below and link your answers to the table above. Rearrange the letters you get to spell two words that are used in maths.

Expand... $2(2a + 1)$ Letter: <input type="text"/>	Expand... $2(2a + 2)$ Letter: <input type="text"/>	Expand... $3(2a + 1)$ Letter: <input type="text"/>	Expand... $2(3a + 2)$ Letter: <input type="text"/>	Expand... $3(2a - 4)$ Letter: <input type="text"/>
Expand... $6(a + 3)$ Letter: <input type="text"/>	Expand... $2(3a - 3)$ Letter: <input type="text"/>	Expand... $4(a + 1)$ Letter: <input type="text"/>	Expand... $2(4a - 2)$ Letter: <input type="text"/>	Expand... $6(a - 1)$ Letter: <input type="text"/>
Expand... $3(3a - 2)$ Letter: <input type="text"/>	Expand... $3(2a + 3)$ Letter: <input type="text"/>	Expand... $6(a - 2)$ Letter: <input type="text"/>	Expand... $2(3a + 9)$ Letter: <input type="text"/>	Expand... $4(2a - 1)$ Letter: <input type="text"/>

# ANSWERS

## EXPANDING A BRACKET [2]

A	B	C	D	E	F	G	H	I	J	K	L	M
$6a + 9$	$4a + 1$	$2a - 8$	$9a + 6$	$6a - 6$	$8a - 8$	$2a + 4$	$4a - 2$	$8a - 4$	$9a - 3$	$8a + 4$	$4a + 6$	$2a - 4$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$4a + 2$	$6a - 12$	$6a + 3$	$2a + 6$	$6a + 18$	$4a + 4$	$9a - 6$	$a - 1$	$9a + 3$	$2a + 2$	$6a + 4$	$4a - 8$	$8a - 6$

Answer the questions below and link your answers to the table above. Rearrange the letters you get to spell two words that are used in maths.

Expand... $2(2a + 1)$ Letter: <b>N</b>	Expand... $2(2a + 2)$ Letter: <b>S</b>	Expand... $3(2a + 1)$ Letter: <b>P</b>	Expand... $2(3a + 2)$ Letter: <b>X</b>	Expand... $3(2a - 4)$ Letter: <b>O</b>
Expand... $6(a + 3)$ Letter: <b>R</b>	Expand... $2(3a - 3)$ Letter: <b>E</b>	Expand... $4(a + 1)$ Letter: <b>S</b>	Expand... $2(4a - 2)$ Letter: <b>I</b>	Expand... $6(a - 1)$ Letter: <b>E</b>
Expand... $3(3a - 2)$ Letter: <b>T</b>	Expand... $3(2a + 3)$ Letter: <b>A</b>	Expand... $6(a - 2)$ Letter: <b>O</b>	Expand... $2(3a + 9)$ Letter: <b>R</b>	Expand... $4(2a - 1)$ Letter: <b>I</b>