

# CODE BREAKER

# COLLECTING LIKE TERMS [2]

A	B	C	D	E	F	G	H	I	J	K	L	M
$5a$	$10a$	4	$8a$	$4a$	10	$13a$	7	$3a$	2	$14a$	$7a$	6
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	$a$	8	3	$12a$	$2a$	$9a$	12	$6a$	5	$11a$	1	$15a$

Answer the questions below and link your answers to the table above. Rearrange the letters you get to reveal the names of two items of electrical equipment.

Simplify... $a + a$ Letter: <input type="text"/>	Simplify... $a + a + a$ Letter: <input type="text"/>	Simplify... $a + a + a + a$ Letter: <input type="text"/>	Simplify... $2a + a$ Letter: <input type="text"/>	Simplify... $6a + a$ Letter: <input type="text"/>
Simplify... $a - a$ Letter: <input type="text"/>	Simplify... $2a - a$ Letter: <input type="text"/>	Simplify... $10a - a$ Letter: <input type="text"/>	Simplify... $8a - 2a$ Letter: <input type="text"/>	Simplify... $3a + 2a - a$ Letter: <input type="text"/>
Simplify... $4a + 5a + 6a - 7a$ Letter: <input type="text"/>	Simplify... $a + 3a - 2a + a$ Letter: <input type="text"/>	Simplify... $4a + 5a - 3a - a$ Letter: <input type="text"/>	Simplify... $7a + 6a - 5a + 4a$ Letter: <input type="text"/>	Simplify... $a - 3a + 5a - a - a$ Letter: <input type="text"/>

# ANSWERS

# COLLECTING LIKE TERMS [2]

A	B	C	D	E	F	G	H	I	J	K	L	M
$5a$	$10a$	4	$8a$	$4a$	10	$13a$	7	$3a$	2	$14a$	$7a$	6
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	$a$	8	3	$12a$	$2a$	$9a$	12	$6a$	5	$11a$	1	$15a$

Answer the questions below and link your answers to the table above. Rearrange the letters you get to reveal the names of two items of electrical equipment.

Simplify... $a + a$ Letter: <b>S</b>	Simplify... $a + a + a$ Letter: <b>I</b>	Simplify... $a + a + a + a$ Letter: <b>E</b>	Simplify... $2a + a$ Letter: <b>I</b>	Simplify... $6a + a$ Letter: <b>L</b>
Simplify... $a - a$ Letter: <b>N</b>	Simplify... $2a - a$ Letter: <b>O</b>	Simplify... $10a - a$ Letter: <b>T</b>	Simplify... $8a - 2a$ Letter: <b>V</b>	Simplify... $3a + 2a - a$ Letter: <b>E</b>
Simplify... $4a + 5a + 6a - 7a$ Letter: <b>D</b>	Simplify... $a + 3a - 2a + a$ Letter: <b>I</b>	Simplify... $4a + 5a - 3a - a$ Letter: <b>A</b>	Simplify... $7a + 6a - 5a + 4a$ Letter: <b>R</b>	Simplify... $a - 3a + 5a - a - a$ Letter: <b>O</b>