

CODE BREAKER

COLLECTING LIKE TERMS [3]

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

Answer the questions below and link your answers to the table above. Rearrange the letters you get to reveal two makes of car.

Simplify... $a + a + 1$ Letter: <input type="text"/>	Simplify... $2 + a + 1$ Letter: <input type="text"/>	Simplify... $3 + a + a + 2$ Letter: <input type="text"/>	Simplify... $a + 3 + a + 1$ Letter: <input type="text"/>	Simplify... $2a + 3 + a + 1$ Letter: <input type="text"/>
Simplify... $2 + 3a + 3 + 4a$ Letter: <input type="text"/>	Simplify... $7 + a - 2 + a$ Letter: <input type="text"/>	Simplify... $4a + a + 5 + 2a$ Letter: <input type="text"/>	Simplify... $5a + 1 + 5 - 3a$ Letter: <input type="text"/>	Simplify... $3a + 2 + 3a + 4$ Letter: <input type="text"/>
Simplify... $4a + 5 - 4a + 5$ Letter: <input type="text"/>	Simplify... $3a - a - 3 + 4$ Letter: <input type="text"/>	Simplify... $2 + 3 - 2a - 2 + 4a$ Letter: <input type="text"/>	Simplify... $a + 2 - 3a - 4 + 5a$ Letter: <input type="text"/>	Simplify... $1 + 5a + 4 - 2a - 5$ Letter: <input type="text"/>

ANSWERS

COLLECTING LIKE TERMS [3]

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

Answer the questions below and link your answers to the table above. Rearrange the letters you get to reveal two makes of car.

Simplify... $a + a + 1$ Letter: H	Simplify... $2 + a + 1$ Letter: U	Simplify... $3 + a + a + 2$ Letter: L	Simplify... $a + 3 + a + 1$ Letter: X	Simplify... $2a + 3 + a + 1$ Letter: V
Simplify... $2 + 3a + 3 + 4a$ Letter: A	Simplify... $7 + a - 2 + a$ Letter: L	Simplify... $4a + a + 5 + 2a$ Letter: A	Simplify... $5a + 1 + 5 - 3a$ Letter: C	Simplify... $3a + 2 + 3a + 4$ Letter: R
Simplify... $4a + 5 - 4a + 5$ Letter: O	Simplify... $3a - a - 3 + 4$ Letter: H	Simplify... $2 + 3 - 2a - 2 + 4a$ Letter: S	Simplify... $a + 2 - 3a - 4 + 5a$ Letter: E	Simplify... $1 + 5a + 4 - 2a - 5$ Letter: P