



Decode the Maths Joke



Simplifying Expressions

Simplify the expression for each of the letters of the alphabet.

A	$a + a$	$2a$
B	$a + a + b$	$2a + b$
C	$b + b + b$	$3b$
D	$a + b + b$	$a + 2b$
E	$5b - b$	$4b$
F	$2a + b + b$	$2a + 2b$
G	$6a - a - a$	$4a$
H	$a \times b$	ab
I	$2a + 4a$	$6a$
J	$7b - 2b + b$	$6b$
K	$9 \times a$	$9a$
L	$3 \times 5a$	$15a$
M	$6a - a + 3b + b$	$5a + 4b$

N	$a \times a$	a^2
O	$3 \times a \times a$	$3a^2$
P	$20b \div 4$	$5b$
Q	$2a - a - a$	0
R	$5b \times b$	$5b^2$
S	$10b \times 2b$	$20b^2$
T	$a^2 + 7a^2$	$8a^2$
U	$9b^2 - 2b^2$	$7b^2$
V	$a + a + a^2$	$2a + a^2$
W	$7 \times 3b^2$	$21b^2$
X	$5b^2 - a^2 + 2b^2$	$7b^2 - a^2$
Y	$5a \times 2b$	$10ab$
Z	$a \times 3a \times 4b$	$12a^2b$

Now decode the joke....

$21b^2$	ab	$2a$	$8a^2$		$a + 2b$	$6a$	$a + 2b$		$8a^2$	ab	$4b$		$8a^2$	$5b^2$
W	H	A	T		D	I	D		T	H	E		T	R

$6a$	$2a$	a^2	$4a$	$15a$	$4b$		$20b^2$	$2a$	$10ab$		$8a^2$	$3a^2$		$8a^2$
I	A	N	G	L	E		S	A	Y		T	O		T

ab	$4b$		$3b$	$6a$	$5b^2$	$3b$	$15a$	$4b$?		$10ab$	$3a^2$	$7b^2$	
H	E		C	I	R	C	L	E	?		Y	O	U	,

$5b^2$	$4b$		$5b$	$3a^2$	$6a$	a^2	$8a^2$	$15a$	$4b$	$20b^2$	$20b^2$!		
R	E		P	O	I	N	T	L	E	S	S	!		