Decode the Maths Joke

Simplifying Expressions

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

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

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

Now decode the joke….

$21b^2$	ab	$2a$	$8a^2$		$a + 2b$	$6a$	$a + 2b$		$8a^2$	ab	$4b$		$8a^2$	$5b^2$

$6a$	$2a$	a^2	$4a$	$15a$	$4b$		$20b^2$	$2a$	$10ab$		$8a^2$	$3a^2$		$8a^2$

ab	$4b$		$3b$	$6a$	$5b^2$	$3b$	$15a$	$4b$	?		$10ab$	$3a^2$	$7b^2$	`

$5b^2$	$4b$		$5b$	$3a^2$	$6a$	a^2	$8a^2$	$15a$	$4b$	$20b^2$	$20b^2$	!		