

## MATHS WORKSHEETS- ALGEBRA- SIMPLIFY OR EXPAND EXPRESSIONS

Simplify or expand the following expressions.

1	$m + m + m + m + m + m + m + m =$	
2	$g + g + g + g + g =$	
3	$12y + 10y + 2y =$	
4	$2n + 8n + n =$	
5	$25t - 8t =$	
6	$15b - 3b =$	
7	$24b - b =$	
8	$13 \times a =$	
9	$a \times b \times c =$	
10	$12 \times 2 \times a \times b \times c =$	
11	$6 \times 3 \times m \times n =$	
12	Expand: $25ab$	
13	Expand: $45y^2$	
14	Expand: $9abc$	
15	Expand: $35x^2y^2$	
16	Expand: $12m^3n^2$	
17	Expand: $5ady$	
18	Expand: $75a^3$	
19	Expand: $7a^2b$	
20	Expand: $8bcd$	

### Answer Key:

1	$8m$
2	$5g$
3	$24y$
4	$11n$
5	$17t$
6	$12b$
7	$23b$
8	$13a$
9	$abc$
10	$24abc$
11	$18mn$
12	$25 \times a \times b$
13	$45 \times y \times y$
14	$9 \times a \times b \times c$
15	$35 \times x \times x \times x \times y \times y$
16	$12 \times m \times m \times m \times n \times n$
17	$5 \times a \times d \times y$
18	$75 \times a \times a \times a$
19	$7 \times a \times a \times b$
20	$8 \times b \times c \times d$