

Brilliance Tuition Centre, Redbank Plains

MATHS WORKSHEETS- ALGEBRA- WRITING ALGEBRAIC EXPRESSIONS

Write an algebraic expression for the following:

1	The difference between x and y	
2	Two thirds of $3m$	
3	The double of $4c$	
4	Six times the number y minus 8	
5	The product of $7a$ and $3b$	
6	The sum of $2a$ and $3b$	
7	The sum of 36 and y	
8	17 less than $5x$	
9	The sum of $8x$, $2y$ and $3z$	
10	To the sum $2a$ and $3b$, add $4y$	
11	The average of $6a$ and $12a$	
12	The sum of $5m$, $2n$ and $4p$	
13	9 plus x , all divided by 3	
14	Divide $18a$ by $5b$ and then add 13	
15	Divide the sum of x and y by 18	
16	From the product of $7x$ and $2y$, take away 3	
17	If x denotes any number, sum of the number and 3	
18	If x denotes any number, difference between the number & 9	
19	If x denotes any number, one eighth of the number plus 7	
20	If x denotes any number, six times the number plus 15	

Answer Key:

1 $x - y$

2 $\frac{2}{3} * 3m = 2m$

3 $2 \times 4c = 8c$

4 $6y - 8$

5 $7a \times 3b$

6 $2a + 3b$

7 $36 + y$

8 $5x - 17$

9 $8x + 2y + 3z$

10 $2a + 3b + 4y$

11 $\frac{6a + 12a}{2}$

12 $5m + 2n + 4p$

13 $\frac{9 + x}{3}$

14 $\frac{18a}{5b} + 13$

15 $\frac{x + y}{18}$

16 $(7x * 2y) - 3 = 14xy - 3$

17 $x + 3$

18 $x - 9$

19 $\frac{x}{8} + 7$

20 $6x + 15$