

Brilliance Tuition Centre, Redbank Plains

MATHS WORKSHEETS- ALGEBRA- SUBSTITUTING VALUES INTO EXPRESSIONS

Substitute the given values into the algebraic expressions.

1	$2y + 5$	$y = 6$	
2	$15 - 3x$	$x = 4$	
3	$2xy + 6$	$x = 2, y = 3$	
4	$\frac{8 + m}{5}$	$m = 7$	
5	$\frac{6y - 5x}{2}$	$x = 2, y = 2$	
6	$3x + 4y$	$x = 1, y = 3$	
7	$8a - 9$	$a = 2$	
8	$\frac{2n + 6m}{2}$	$n = 1, m = 3$	
9	$10 - \frac{a}{3}$	$a = 6$	
10	$\frac{m}{5} + 15$	$m = 10$	
11	$a + 4b - 5$	$a = 2, b = 3$	
12	$\frac{4u}{2} - 3$	$u = 4$	
13	$\frac{12x + 4}{2}$	$x = 3$	
14	$\frac{12 + 2a}{4}$	$a = 6$	
15	$\frac{12x - x^2}{2}$	$x = 2$	
16	$8x + xy$	$x = 2, y = 3$	
17	$x^2 + y^2$	$x = 2, y = 3$	
18	$(m + n)^2 + 5$	$n = 2, m = 3$	
19	$ab - a^2$	$a = 2, b = 4$	
20	$(ab - 2a)^2$	$a = 2, b = 3$	

Answer Key:

1	17
2	3
3	18
4	3
5	1
6	15
7	7
8	10
9	8
10	17
11	9
12	5
13	20
14	6
15	10
16	22
17	13
18	30
19	4
20	4