

Brilliance Tuition Centre, Redbank Plains

MATHS WORKSHEETS- ALGEBRA- SUBSTITUTION- EVALUATE THE FOLLOWING

Evaluate the following if $a = 3, b = 5, c = 6, d = 4$.

1	$\sqrt{25 - d^2} =$	
2	$\sqrt{89 - b^2} =$	
3	$\sqrt{45 + c^2} =$	
4	$\sqrt{27 + a^2} =$	
5	$(a + 6)^2 =$	
6	$a^2 + b^2 + c^2 =$	
7	$ab + cd =$	
8	$a^2 + b^2 - c =$	
9	$(a + b)^2 + cd =$	
10	$abcd =$	
11	$2ab + 3bc =$	
12	$2(3a + 8) =$	
13	$(a + 3)^2 - bc =$	
14	$\frac{ad}{c} =$	
15	$(a + b) \div d =$	
16	$(c + 5)(c - 5) =$	
17	$\sqrt{\frac{2b + c}{d}} =$	
18	$(7a^2 + 6) =$	
19	$3ab + 4cd =$	
20	$b^3 + c^2 =$	

Answer Key:

1	3
2	8
3	9
4	6
5	81
6	70
7	39
8	28
9	88
10	360
11	120
12	34
13	51
14	2
15	2
16	11
17	2
18	69
19	141
20	161