

# Brilliance Tuition Centre, Redbank Plains

## MATHS WORKSHEETS- ALGEBRA- SUBSTITUTION- FIND THE VALUE OF THE EXPRESSION IF $a = 2$ , $b = 4$ , $c = 6$ AND $d = 3$

Find the value of each of the following expressions if  $a = 2$ ,  $b = 4$ ,  $c = 6$  and  $d = 3$ .

1	$4a + 2b + c =$	
2	$8b - 5a =$	
3	$6a + 2b - d =$	
4	$2c \div 2a =$	
5	$7b \div 2a =$	
6	$10a - 2b + c =$	
7	$abcd =$	
8	$abc - d =$	
9	$a^2 + b^2 - ab =$	
10	$4b - b^2 =$	
11	$a + b + c + d =$	
12	$4a + 5b + 3c - 2d =$	
13	$6c - d =$	
14	$(c + d) - a^2 =$	
15	$2a^2 + 3b =$	
16	$8c \div 2a =$	
17	$(3a + 2b) \div a =$	
18	$c^2 + a^2 - bd =$	
19	$2a^3 - 2b =$	
20	$(7a + 2b) \div a =$	

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**Answer Key:**

1	22
2	22
3	17
4	3
5	7
6	18
7	144
8	45
9	12
10	0
11	15
12	40
13	33
14	5
15	20
16	6
17	7
18	28
19	8
20	11