

Brilliance Tuition Centre, Redbank Plains

MATHS WORKSHEETS- ALGEBRA- SIMPLIFY THE FOLLOWING USING THE RULES FOR THE ORDER OF OPERATIONS

Simplify the following using the rules for the order of operations.

1	$12m \div 3 - 2m =$	
2	$8y \times 3 - 5y =$	
3	$-10x - 5x \times 2 =$	
4	$3m \times 5 - 63m \div 3 =$	
5	$12 \times 3m - 55m \div 5 =$	
6	$30ab \div 3a - 7b =$	
7	$-2m \times 6 - (2m + 5m) =$	
8	$-3x \times 8 - (7x + 12x) =$	
9	$35a - 7 \times 5a - 6a =$	
10	$10a - 5 \times 2a - 7a =$	
11	$25t \div 5 - 30t \div 3 =$	
12	$100y \div (13y - 3y) =$	
13	$38mn \div 2m - 4n =$	
14	$6x + (3 \times 5x) - 6x =$	
15	$12a - (15a \div 5) + 3a =$	
16	$(16a + 2 \times 5a) \div 2a =$	
17	$-3m \times 4 - (3m + 5m) =$	
18	$8 \times 5p - 40p \div 4 =$	
19	$-3t \times 5 - (42t \div 2) =$	
20	$(15m + 3 \times 5m) \div 3m =$	

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Answer Key:

1	$2m$
2	$19y$
3	$-20x$
4	$-6m$
5	$25m$
6	$3b$
7	$-19m$
8	$-43x$
9	$-6a$
10	$-7a$
11	$-5t$
12	10
13	$15n$
14	$15x$
15	$12a$
16	13
17	$-20m$
18	$30p$
19	$-36t$
20	10