

MATHS WORKSHEETS- ALGEBRA- ALGEBRAIC EXPRESSIONS – SIMPLIFY THE FOLLOWING

Simplify the following questions.

1	$2x \times 2x \times 2 =$	
2	$3a \times 2ab \div a^2 =$	
3	$9xy \times 2y \div x =$	
4	$7a \times 2ab \times 2b =$	
5	$-3a \times 2a \times -5 =$	
6	$10ab \div 2a \div b =$	
7	$10m \times 8 \div 5m =$	
8	$15 \times 2h \div 5 =$	
9	$2 \times 14ab \div 2a =$	
10	$(6a)^2 \div 2a \times 3 =$	
11	$(-7) \times (-2a) \times 2 =$	
12	$32mn \div 2m \div 2n =$	
13	$6abc \div -2abc =$	
14	$(9xy)^2 \div 3x^2y^2 =$	
15	$2a \times -2 \times (-4a) =$	
16	$-3a \times 2b \times -3ab =$	
17	$6mn \div 3m \div 2n =$	
18	$15a \times 2a \div 10a =$	
19	$(3mn)^2 \div 3mn =$	
20	$(6a)^2 \div 2a \times 2 =$	

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Answer Key:

1	$8x^2$
2	$6b$
3	$18y^2$
4	$28a^2b^2$
5	$30a^2$
6	5
7	16
8	$6h$
9	$14b$
10	$54a$
11	$28a$
12	8
13	-3
14	27
15	$16a^2$
16	$18a^2b^2$
17	1
18	$3a$
19	$3mn$
20	$36a$