

## MATHS WORKSHEETS- ALGEBRA- MIXED OPERATIONS

Simplify the following.

1	$6x \times x =$		21	$4xy \times 3xy =$	
2	$12p \div 12 =$		22	$17y - 2y =$	
3	$15y^2 + 5y =$		23	$23y^2 + 5y^2 =$	
4	$8y^2 \times 7xy =$		24	$-16y - 7y =$	
5	$8xy \div -2x =$		25	$14x \div -7x =$	
6	$-m \times -5mn =$		26	$y + -5y =$	
7	$-12xyz \div 2xy =$		27	$-9xyz \div 3xyz =$	
8	$7x + 5x =$		28	$35ab \div -5a =$	
9	$-8yz \times -2y =$		29	$-10ab - 2ab =$	
10	$6a - a =$		30	$14a^2 \times -a^3 =$	
11	$9ab \div 9ab =$		31	$-21xyz \div 3x =$	
12	$20y^{12} \div 2y^3 =$		32	$15xy^{12} \div -3y^3 =$	
13	$y \times y^5 =$		33	$4y + 6y =$	
14	$-9t - 5t =$		34	$9ab - 5ab =$	
15	$-19y^2 + 19y^2 =$		35	$-3xy^2 + 9xy^2 =$	
16	$10y^8 - 7y^8 =$		36	$-15xyz - 7xyz =$	
17	$15y \div y =$		37	$12ab \div -3ab =$	
18	$-a - a =$		38	$-16y + 4y =$	
19	$18y^7 - 17y^7 =$		39	$11a^4 - 7a^2 =$	
20	$12ab \div -6a =$		40	$10abc \div -2ac =$	

**Answer Key:**

1	$6x^2$	21	$12x^2y^2$
2	$p$	22	$15y$
3	$15y^2 + 5y$	23	$28y^2$
4	$56xy^3$	24	$-23y$
5	$-4y$	25	$-2$
6	$5m^2n$	26	$-4y$
7	$-6z$	27	$-3z$
8	$12x$	28	$-7b$
9	$16y^2z$	29	$-12ab$
10	$5a$	30	$-14a^5$
11	$1$	31	$-7yz$
12	$10y^9$	32	$-5xy^9$
13	$y^6$	33	$10y$
14	$-14t$	34	$4ab$
15	$0$	35	$6xy^2$
16	$3y^8$	36	$-24xyz$
17	$15$	37	$-4$
18	$-2a$	38	$-12y$
19	$y^7$	39	$4a^2$
20	$-2b$	40	$-5b$