

MATHS WORKSHEETS- ALGEBRA- GROUPING SYMBOLS- EXPANDING THE EXPRESSIONS

Expand the following expressions.

1	$5(x + y) =$	
2	$3(2a + 5b) =$	
3	$3(5x + y) =$	
4	$5(2a - 3b) =$	
5	$3(m - 2n) =$	
6	$4(6a - 3b) =$	
7	$2(2x - y) =$	
8	$-4(2m + 3n) =$	
9	$-3y(x + 6) =$	
10	$4a(a - 3b) =$	
11	$3(5x - 4y) =$	
12	$8a(a + 2) =$	
13	$5(x - 6) =$	
14	$3m(m - 5n) =$	
15	$-4(x + 7) =$	
16	$-7a(3a + 2) =$	
17	$-6(2x - 4) =$	
18	$-2m(5m - 9n) =$	
19	$-7(3x - 7) =$	
20	$-6y(2x + 3y^2) =$	

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Answer Key:

1	$5x + 5y$
2	$6a + 15b$
3	$15x + 3y$
4	$10a - 15b$
5	$3m - 6n$
6	$24a - 12b$
7	$4x - 2y$
8	$-8m - 12n$
9	$-3xy - 18y$
10	$4a^2 - 12ab$
11	$15x - 12y$
12	$8a^2 + 16a$
13	$5x - 30$
14	$3m^2 - 15mn$
15	$-4x - 28$
16	$-21a^2 - 14a$
17	$-12x + 24$
18	$-10m^2 + 18mn$
19	$-21x + 49$
20	$-12xy - 18y^3$