

Simply the following.

1	$4x^2y \times 3xy$	
2	$8m^3n \times 2m^5n^2$	
3	$7a^{-2} \times 2a^4$	
4	$25a^2b^2 \times 2a^4b$	
5	$-5m^2n^2 \times -6m^{-4}n^{-6}$	
6	$4x^{-3} \times 3x^2$	
7	$m^2n^2 \times m^3n^2$	
8	$-7a^4x - 2a^{-3}$	
9	$2a^{-3}b^2 \times 3a^{-2}b^{-3} \times 3a^{-4}b^2$	
10	$5a^2b^2c^3 \times 2a^4bc^3$	
11	$-2a^{-3}b^2c^{-5} \times 3a^{-2}b^2c^{-3} \times 2a^{-4}b^2c^{-2}$	
12	$2a^{-2} \times 3a^4 \times 2a^2$	
13	$-m \times m^{-3}$	
14	$-2p \times 3q \times 2r$	
15	$10a^{-2}b \times -3a^4b$	
16	$2m^4n^2 \times -3m^{-5}n^{-7}$	
17	$3a^{-2} \times 6a^3$	
18	$-6h \times -h$	
19	$-xy \times -xy \times -xy$	
20	$4a^{-3}b^2c^{-5} \times 3a^{-2}b^2c^{-3}$	

Answer Key:

- 1 $12x^3y^2$
- 2 $16m^8n^3$
- 3 $14a^2$
- 4 $50a^6b^3$
- 5 $30m^{-2}n^{-4}$
- 6 $12x^{-1}$
- 7 m^5n^4
- 8 $14a^1= 14a$
- 9 $18a^{-9}b^{-3}$
- 10 $10a^6b^3c^6$
- 11 $-12a^{-9}b^6c^{-10}$
- 12 $12a^4$
- 13 $-m^{-2}$
- 14 $-12pqr$
- 15 $-30a^2b^2$
- 16 $-6m^{-1}n^{-5}$
- 17 $18a^1= 18a$
- 18 $6h^2$
- 19 $-x^3y^3$
- 20 $12a^{-5}b^4c^{-8}$