

## Exponents

## Product Rule

1.  $x^3 x^8$

2.  $4x^3 x^3$

3.  $2a^{-4} a^2 3a^6$

4.  $c^3 2c^8 c^{-5}$

5.  $a^2 (5a^3) (a^6)$

6.  $(11a^{15}) (a^4) (a^{-3})$

7.  $x^2 x^3$

8.  $6x^2 x^4$

9.  $y^3 y^4$

10.  $7x^4 x^6$

**Answers**

**Exponents**

**Product Rule**

1.  $x^{11}$

2.  $4x^6$

3.  $6a^4$

4.  $2c^6$

5.  $5a^{11}$

6.  $11a^{16}$

7.  $x^5$

8.  $6x^6$

9.  $y^7$

10.  $7x^{10}$