

**Exponents**

**Worksheet # 2**

1.)  $5x^2 \times 4x$

2.)  $5n^2 \times 6n^2$

3.)  $4n^2 \times 5n^2 \times 6n$

4.)  $n \times 2n^3$

5.)  $5n^3 \times 5n$

6.)  $3n^3 \times 4n^2$

7.)  $4n \times 4n^2 \times 3n$

8.)  $6n \times 4n^3 \times 4n$

9.)  $3n \times 4n$

10.)  $2n \times 2n^3 \times 3n^3$

Simplify the Exponents  
Multiply

Name: \_\_\_\_\_

**Exponents**

$$1.) \quad 5x^2 \times 4x \\ = 20x^3$$

$$3.) \quad 4n^2 \times 5n^2 \times 6n \\ = 120n^4$$

$$5.) \quad 5n^3 \times 5n \\ = 25n^4$$

$$7.) \quad 4n \times 4n^2 \times 3n \\ = 48n^3$$

$$9.) \quad 3n \times 4n \\ = 12n^2$$

**Worksheet # 2 Answers**

$$2.) \quad 5n^2 \times 6n^2 \\ = 30n^4$$

$$4.) \quad n \times 2n^3 \\ = 2n^4$$

$$6.) \quad 3n^3 \times 4n^2 \\ = 12n^5$$

$$8.) \quad 6n \times 4n^3 \times 4n \\ = 96n^5$$

$$10.) \quad 2n \times 2n^3 \times 3n^3 \\ = 12n^7$$