

# Algebra II

4-4

## Prime Factorization

---

Factor (n)-

Prime number-

Prime Factorization-

\*) 2520

Greatest Common Factor -

Least Common Multiple -

Find the GCF and LCM

\*) 96, 54

GCF: \_\_\_\_\_

LCM: \_\_\_\_\_

Find the GCF and LCM of the factored numbers.

$$2^2 \cdot 3^5 \cdot 5 \cdot 7^2 \cdot 13 \cdot 17^2$$

$$2^3 \cdot 3^4 \cdot 7 \cdot 11 \cdot 17$$

GCF: \_\_\_\_\_

LCM: \_\_\_\_\_

Find the GCF and LCM

\*3)  $98x^3yz$  ;  $70x^2y^3z$

GCF: \_\_\_\_\_

LCM: \_\_\_\_\_

