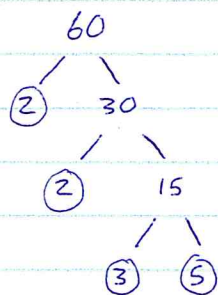


## Prime Factorization

- What does prime mean?
- We're going to factor down a # using primes.



You Try: 140

$$= 2 \cdot 2 \cdot 3 \cdot 5$$

## Finding GCF of Monomials

$$3x^3 \text{ and } 6x^2$$

$$3x^3 = 3 \cdot x \cdot x \cdot x$$

$$6x^2 = 2 \cdot 3 \cdot x \cdot x$$

- What do they have in common?

$$\text{GCF} = 3x^2$$

You try:  $18g^2$  and  $27g^3$

Assignment: pg 527 # 2-9, 13-15, 17-24, 28-30, 32-35