

Warm-up:

Simplify each polynomial.

FoIL

$$(x - 6)(x + 6)$$

$$x^2 + 6x - 6x - 36$$
$$x^2 - 36$$

$$(x - 6)^2$$

$$x^2 - 12x + 36$$

$$(x - 6)(2x + 3)$$

$$2x^2 + 3x - 12x - 18$$
$$2x^2 - 9x - 18$$

Algebra 1

Greatest Common Factors - Monomials

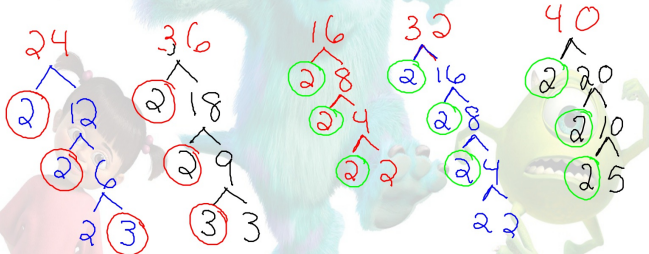
HW: Will be assigned at end of class.

Greatest Common Factors

Find the greatest common factor (GCF).

$$24, 36 = 12$$

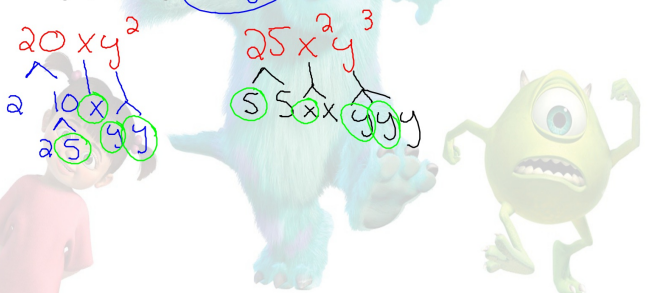
$$16, 32, 40 = 8$$



Greatest Common Factors

Find the greatest common factor (GCF).

$$20xy^2, 25x^2y^3 = 5xy^2$$



Greatest Common Factors

Find the greatest common factor (GCF).

$$28a^5b^2, 49ab^3$$

$$7ab^2$$

Greatest Common Factors

Find the greatest common factor (GCF).

$$12mn^2, 24m^3n^2, 36m^2n^3 \quad 12mn^2$$



Classwork

Complete page 2 in the packet.

- #2, 5, 7, 9, 12

We will go over the answers at the end of class.

Classwork

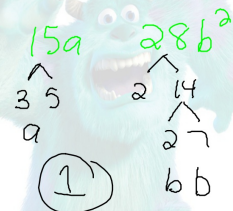
2. 1

5. $8fg^3$

7. $2xy^3$

9. $7ab$

12. $2mn$



Algebra 1

Greatest Common Factors - Monomials

HW: Finish the rest of page 2

