# GREATEST COMMON FACTOR

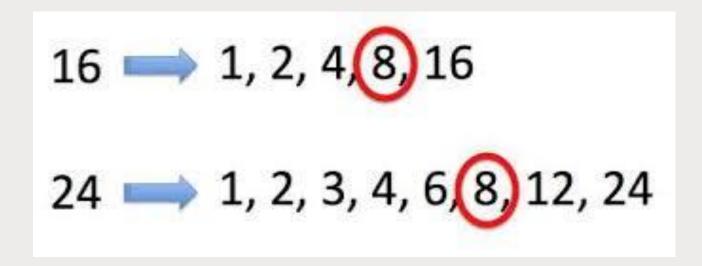
LESSON 1.2

### A B GAME

- PRODUCT
- SUM
- DIFFERENCE
- QUOTIENT

#### GREATEST COMMON FACTOR

Once you list out all of the <u>factors</u> for the 2 (or more) numbers. Find the BIGGEST factor that the 2 numbers have in COMMON.



# HOW TO FIND THE GCF https://youtu.be/y4MG3m5uJQg



### WHY AM I LEARNING THIS? WHERE WILL I USE IN REAL WORLD

https://youtu.be/alJUhzr-ZCA



### White Board Practice

■ What is the GCF of 6 and 8.

■ What is the GCF of 9 and 12.

### Share your answers with your partner.

- Did you get the same answers? If not, who was right.
- Are there any misconceptions or questions that you may have about gcf.

## Practice these problems in your notebook.

- Find the GCF of 18 and 27
- Find the GCF of 14 and 35
- Find the GCF of 8, 16, and 32 (WOOOOOOH 3 numbers....yep!!!)
- Explain (in writing) how you can be sure you have found the GREATEST common factor and not just a common factor.