



GREATEST COMMON FACTOR

LESSON 1.2



A B GAME

- PRODUCT
- SUM
- DIFFERENCE
- QUOTIENT

GREATEST COMMON FACTOR

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

16 → 1, 2, 4, 8, 16

24 → 1, 2, 3, 4, 6, 8, 12, 24

HOW TO FIND THE GCF

<https://youtu.be/y4MG3m5uJQg>



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

<https://youtu.be/aJJUhZr-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.