Factors with Friends

This group GCF activity is great for practicing factors as well as understanding the concept of the Greatest Common Factor.

What you will need:

- 2 dice per pair of students
- Paper for each child
- Writing instrument for each child

Instructions:

1. Review the concept of the Greatest Common Factor with the class.
2. Find the GCF for a few pairs of numbers to review the procedure.
3. Divide the group into pairs.
4. Give each pair two dice.
5. Instruct each student to roll the pair of dice and come up with a two-digit number using the numbers on the dice.
6. The students then find all the factors for their numbers and write them down on a sheet of paper.
7. The pair then compare their factors and find the GCF of the two numbers.
8. Finally, instruct each pair to use the mathematical procedure for finding the GCF of the two numbers and compare the answers.
9. Let the students do the same steps for more numbers.

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