Warm Up:
Prime Factorization Check

1) 45

2) 27

3) 51

4) 70

5) 31

Nov 6-2:33 PM

Why Couldn't Snorg Hear Music Through His Phone?

1. T
2. F   20,252 is not divisible by 5.
3. T
4. F   12,345 is not divisible by 9.
5. F   56,789 is not divisible by 3.
6. T
7. F   Neither 49 nor 57 is prime.
8. F   There are 8 such numbers.
9. F   There are three: 41, 43, 47.
10. T
11. F   36 has 9 factors (missing 4, 18).
12. T
13. F   60 is the smallest such number.
14. T
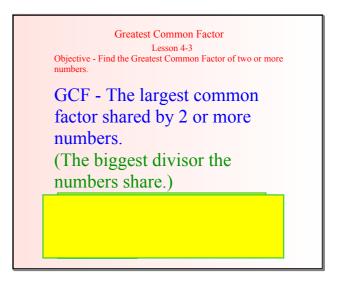
IT WAS CHORDLESS   56

Nov 10-2:50 PM

**Homework Check
Page 13**

1. 2x2x7
2. 3x5x5
3. 2x2x3x7
4. 2x3x5x7
5. 2x29
6. 2x2x2x3x3
7. 2x2x2x5
8. 2x5x31
9. 1540
10. 17,017

Nov 14-7:40 AM

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12. 2x3x13
13. 2x3x3x7
14. 5x5x5
15. 2x3x3x5
16. 2x2x23
17. 2x2x3x3x5

Nov 15-7:43 AM

Factors Vs. Multiples

F   M

Nov 15-7:37 AM

Greatest Common Factor
Lesson 4-3
Objective - Find the Greatest Common Factor of two or more numbers.

GCF - The largest common factor shared by 2 or more numbers.
(The biggest divisor the numbers share.)

Nov 5-3:01 PM

To find the GCF...

Use the prime factorization.

- 1st- Find the prime factorization of both numbers.
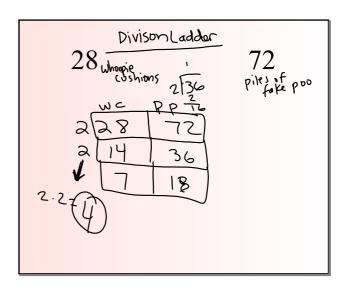- 2nd- Write down each matching prime factor
ONE time (play Go Fish).
- 3rd- Multiply the matching factors.
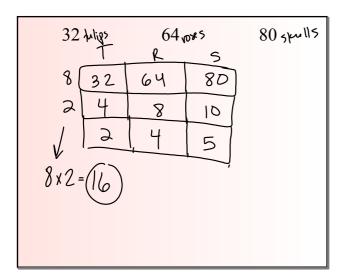This product is your GCF.
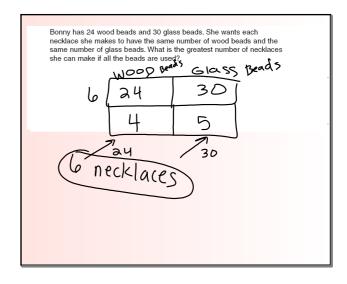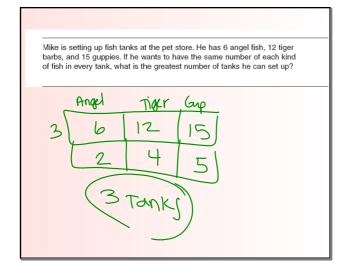
OR

Make a List!!!!!

Nov 6-8:39 AM

Nov 6-8:44 AM

Nov 6-8:45 AM

Bonny has 24 wood beads and 30 glass beads. She wants each necklace she makes to have the same number of wood beads and the same number of glass beads. What is the greatest number of necklaces she can make if all the beads are used?

Nov 5-2:46 PM

Mike is setting up fish tanks at the pet store. He has 6 angel fish, 12 tiger barbs, and 15 guppies. If he wants to have the same number of each kind of fish in every tank, what is the greatest number of tanks he can set up?

Oct 28-2:52 PM

My Special Number

*Add the prime factorization of your number

*Find the GCF of your number and another number (Question 6)

This is the last thing you need to do before writing your entire project!!!!

Nov 15-7:39 AM

Investigations 3.3 and 3.4

1. Basic Practice: Page 10 Even

2. Page 40 and 41

Make sure you show your work and that your answers are complete sentences!

When you finish:

Page 43 - 44: # 16-23 and 28

Nov 14-3:03 PM

Tonight's HW:

GCF quarter worksheet

Nov 14-3:05 PM