

SPECIAL NUMBERS PROJECT

In your journal section keep a rough draft of the required parts that I can check during class.

DUE: ON OR BEFORE OCTOBER 18, 2007
POSSIBLE FORMATS: STORY, POSTER

REQUIRED PARTS:

- 1) Your special number and the number 100
- 2) Factor of each number
- 3) Proper factor of each number
- 4) Venn diagrams (Factors of or 1st 10 multiples of your number and 100)
- 5) Factor pairs for each number
- 6) First 5 multiples for each number
- 7) Greatest common factor of the two numbers
- 8) Least common multiple of the two numbers
- 9) Special type of number: odd, even prime composite, square
- 10) Show if your number is abundant, deficient or perfect
- 11) Factor tree
- 12) Prime factorization using exponents as needed

OPTIONAL PARTS:

- *Draw the rectangles for the factor pairs
- *Scores for playing the factor game
- *Strategies for getting your numbers into the product game