Factor/Multiple Quiz - 7th Grade Math   Name: _____
Period _____   Date: _____   Ms. Hall

1. Match the following with their definitions:
        a. factor   1. A number whose only factors are 1 and itself
        b. multiple   2. The product of a number and any whole number
        c. prime number   3. A number that goes into a whole number with a
                                                   remainder of zero.

2. True / False: A multiple of a number will always be greater than or equal to that number. _____

3. List the first four multiples of 7.

4. List ALL the factors of 24:

5. Find the GCF of the following by listing the factors: 24 and 48

6. Make factor trees for: a) 45   b) 36

7. Find the GCF of the following by making factor trees for each: 72 and 18

8. How do you know if a number is divisible by 3?

9. How do you know if a number is divisible by 4?

10. Simplify the following fractions:

    a. $\dfrac{24}{36}$ b. $\dfrac{6}{60}$ c. $\dfrac{24}{132}$