

Practice: multiples, factors,
prime factors, prime,
composite

* If you would like this to
be marked it must be handed in

Name: _____

by Friday

@ 8:30 *

PRACTICE EXERCISES

1. Which of the following numbers are multiples of 4? Prove it.

a) 45

b) 32

c) 16

d) 44

2. Find the least common multiple of the following pairs of numbers. Show your work.

a) 4 and 8

b) 2 and 6

c) 8 and 3

3. List the factors of each of the following numbers.

a) 36

b) 56

c) 24

d) 40

4. Find the greatest common factor for each of the following pairs of numbers.

a) 34 and 42

b) 32 and 16

c) 24 and 54

5. Draw a factor tree for each of the following numbers. Write the equation at the end.

a) 84

b) 72

c) 48

6. Determine which of the following numbers are prime or composite:

0, 1, 2, 3, 6, 9, 11, 19, 21, 30, 41, 51, 90, 97, 100

prime	composite	neither