Name: _____ Date: _____

Finding the Highest Common Factor of Numbers (HCF).

To find the HCF of a set of numbers, simply list the factors of

each number and identify the highest common one.

Instructions: Determine the HCF of the following sets of

numbers.

a. 4 and 6

   4: 1, 2, 4

   6: 1, 2, 3, 6   HCF 2

b. 6 and 9

   6:

   9:           HCF:

c. 10 and 12

   10:

   12:         HCF:

d. 12 and 18

12:

18:        HCF:

e. 6 and 30

  6:

  30:        HCF:

f. 27 and 3

  27:

  3:        HCF:

g. 21 and 15

  21:

  15:        HCF:

h. 10 and 30

  10:

  30:        HCF:

i. 21 and 35

  21:

  35:        HCF:

j. 8 and 20

  8:

20:                HCF:

k. 15 and 20

   15:

   20:                HCF:

l. 12 and 16

   12:

   16:                HCF:

m. 20 and 16

   20:

   16:                HCF:

n. 25 and 35

   25:

   35:                HCF: