S E L F   T E S T E R S   (Worksheets)

1.1   Patterns In Division   Name:_____ Class: ____

1.   Which numbers are divisible by 4? By 5? Re-write all of these numbers below (x/7)
   a) 90   **b)** 134   **c)** 395   **d)** 1724   **e)** 30   **f)** 560   **g)** 3015
   The numbers divisible by 4 are
   The numbers divisible by 5 are

2.   Write a 5-digit number that is divisible by 8. (x/1)

3.   A number is missing the tens digit. The number is 513 6. What could the tens digit be if
   the number is divisible by 2? By 4? By 8? Write all the possibilities below for each. (x/17)
   The possible choices for 2 are
   The possible choices for 4 are
   The possible choices for 8 are

4.   Which numbers are divisible by 4? By 8? By 10? (x/11)
   a) 80   **b)** 216   **c)** 132   **d)** 350   **e)** 2160   **f)** 2092
   The numbers divisible by 4 are
   The numbers divisible by 8 are
   The numbers divisible by 10 are

1.2   More Patterns in Division   Name:_____ Class: ____

1.   Which numbers are divisible by 0? By 6? By 9?   (x/11)
   a) 92   **b)** 114   **c)** 216   **d)** 420   **e)** 636   **f)** 675   **g)** 1026
   The numbers divisible by 0 are
   The numbers divisible by 6 are
   The numbers divisible by 9 are

2.   Use divisibility rules to find the factors of 132. (x/12)

3.   Which of these numbers is 324592 divisible by? State yes or no for each letter. (x/9)
   a) 2   **b)** 3   **c)** 4   **d)** 5   **e)** 6   **f)** 8   **g)** 9   **h)** 10   **i)** 0

4.   Suppose you have 60 granola bars. You must share the bars equally with everyone on the
   school bus. How many granola bars will each person get, in each case? (x/3)
   a) There are 30 people on the bus.
   b) There are 15 people on the bus.
   c) There are 12 people on the bus.