LEAD

1. From the pool write out the numbers that qualify as

20   16   13   25
24   1   7 12
2   36   49   39
54   51 23   40

   a. Prime numbers   _____

   b. Multiples of 5   _____

   c. Multiples of 3   _____

   d. Factors of 20   _____

   e. Square numbers   _____

   f. Composite numbers   _____

2. Circle the numbers into which 60 can be evenly split

   1 2 3 4 5 6 7 8 9 10

3. For each number write the factor pairs below

24		50		120		54	
1	24	1	50				
2	12						

4. Joan tries to list the prime numbers between 1 and 20 as follows

   1 3 5 7 9 11 13 16 19

   a. Which numbers aren't qualified to be on the list?

   _____

   b. Which numbers are missing from the list?

   _____

5. Complete the statements. The first one has been done for you.

   1, 2, 3, 4, 6 *and* 12   are   factors   of   12

   _____   are   multiples   of   180

   5, 10, 15, 20, 25   are   multiples   of   ____

   81, 108, 72   are   _____   of   9

6. The LEAD hub has a total of two hundred and eighty students. Write this figure as a product of its prime factors.

   _____

7. Space patrol ride tickets are numbered 1 to 100. Tickets that are factors of 300 give free rides. List the lucky ticket numbers that give a free ride?

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