SOL 5.3a Prime / Composite numbers Quiz-TEI Paper Pencil

1. Circle the statements that are true below.

   A composite number is a natural number with more than two factors.
   The number 1 is both prime and composite.
   A prime number is a natural number that has exactly two different factors.
   All even numbers are prime.
   A prime number has only one and itself as factors.

2. Which lists contain one prime number and two composite numbers?
   Lightly shade the rectangles that show this.

7,33,45	1,33,45	7,45,77
1,13,33	2,13,33	2,45,77

3. Identify the four prime numbers below. Lightly shade in the prime numbers.

51	21	5
63	2	39
29	57	17

4. Identify each statement that is true by shading in that space.

All even numbers are composite except the number 2.
Zero is not a prime number.
A number can be both prime and composite.
A composite number can be written as the product of primes.

5. Sort these eight numbers by prime and composite:

34, 43, 51, 91, 53, 75, 17, 97

Composite (4 numbers)   Prime (4 numbers)