

Name: _____

Factors *and* Multiples

A. Directions: Write **True** or **False** for each statement below.

1. _____ Prime numbers have only two factors, 1 and itself.
2. _____ 25 is a multiple of 3.
3. _____ 4 and 8 are factors of 6.
4. _____ Composite numbers have more than two factors.
5. _____ 2 is a prime number.
6. _____ 43 is a composite number.

B. Directions: Place each number into the correct column.

7

13

16

11

4

24

Prime Numbers	Composite Numbers

C. Directions: Look at the three numbers in each row. Which number in each row is **a composite number**? Tick the correct box.

- | | | | |
|----|----|----|----|
| a) | 3 | 81 | 21 |
| b) | 16 | 2 | 7 |
| c) | 11 | 21 | 23 |
| d) | 8 | 2 | 19 |

D. Directions: Look at the factors for each given number. Write one **prime factor**.

a) 36: 1, 2, 3, 4, 6, 8, 12, 36 _____

b) 8: 1, 2, 4, 8 _____

c) 6: 1, 2, 3, 6 _____,

d) 50: 1, 2, 5, 10, 25, 50 _____

E. Directions: Write the first three multiples for each number below.

a) 20: _____,

b) 6: _____,

c) 11: _____,

d) 100: _____,