

Name: \_\_\_\_\_

## Factors *and* Multiples

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

1. \_\_\_\_\_ Prime numbers have more than two factors.
2. \_\_\_\_\_ 15 is a multiple of 3.
3. \_\_\_\_\_ 2 and 3 are factors of 6.
4. \_\_\_\_\_ Composite numbers have more than two factors.
5. \_\_\_\_\_ 12 is a prime number.

B. Directions: Place each multiple in the correct column for its factor.

<b>49</b>	<b>64</b>	<b>25</b>	<b>44</b>	<b>9</b>	<b>66</b>
<b>4</b>	<b>7</b>	<b>6</b>	<b>8</b>	<b>3</b>	<b>5</b>

C. Directions: Look at the three numbers in each row. Which number in each row is **NOT a prime number**? Tick the correct box.

- |    |    |    |    |
|----|----|----|----|
| a) | 3  | 5  | 10 |
| b) | 16 | 2  | 7  |
| c) | 11 | 21 | 23 |
| d) | 8  | 2  | 19 |

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D. Directions: Which set of numbers are **factors** for the composite numbers below. Select the correct answer.

a) 36: \_\_\_\_\_

b) 24: \_\_\_\_\_

c) 15: \_\_\_\_\_

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

a) 6: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b) 10: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

c) 12: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d) 3: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_