

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

## Least Common Multiples

Find the least common multiple (LCM) of 2 and 3.

The multiples of 2 are: **2, 4, 6, 8, 10, 12, 14, 16, 18...**

The multiples of 3 are: **3, 6, 9, 12, 15, 18....**

The common multiples of 2 and 3 are: **6, 12, 18...**

The least common multiple of 2 and 3 is **6**.



**Find the LCM of 3 and 4.**

The multiples of 3 are: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ ...

The multiples of 4 are: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ ...

The common multiples of 3 and 4 are: \_\_\_\_\_ and \_\_\_\_\_

The LCM of 3 and 4 is: \_\_\_\_\_

**Find the LCM.**

**a.** 2 and 7

LCM = \_\_\_\_\_

**b.** 4 and 10

LCM = \_\_\_\_\_

**c.** 4 and 5

LCM = \_\_\_\_\_

**d.** 6 and 10

LCM = \_\_\_\_\_

**e.** 4 and 12

LCM = \_\_\_\_\_

**f.** 6 and 18

LCM = \_\_\_\_\_