



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

## Mathematics

### Lowest/Least Common Multiple (LCM)



Find the least common multiple of **2** and **3**.

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

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**

A. Write the **first 4** multiples of these whole numbers.

4 = \_\_\_\_\_

8 = \_\_\_\_\_

12 = \_\_\_\_\_

15 = \_\_\_\_\_

B. Click on the numbers that are multiples of **7**.

1      7      14      21      30      35      48

C. Click on the numbers that are multiples of **8**.

18      40      45      64      72      81      27

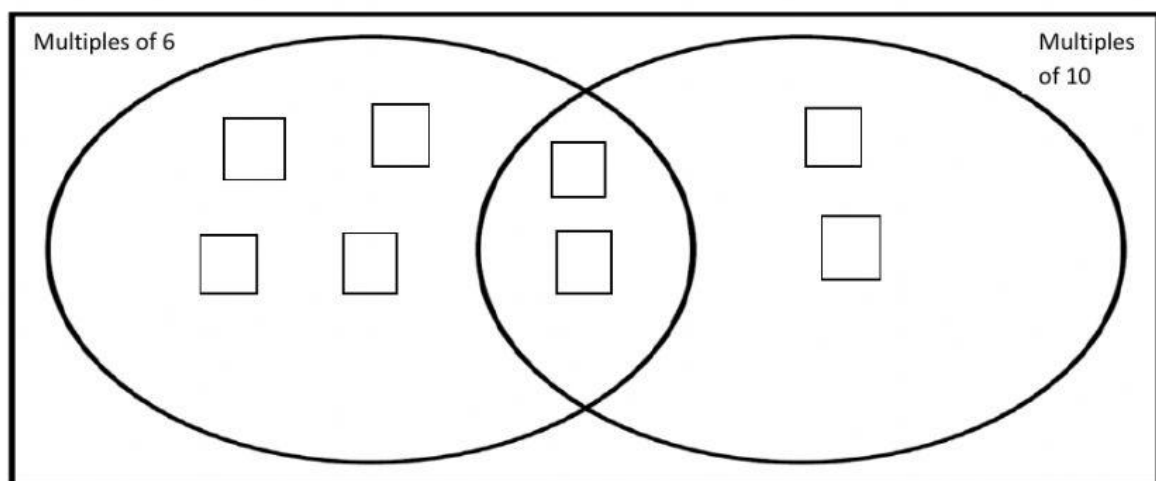


Find the **LCM** of these of numbers.

3 and 8 LCM = _____	6 and 5 LCM = _____	4, 5, and 10 LCM = _____
10 and 8 LCM = _____	33 and 11 LCM = _____	10 and 40 LCM = _____
3, 6, and 9 LCM = _____	6 and 18 LCM = _____	7 and 9 LCM = _____

Complete the **Venn diagram**.

12	20	24	30	36	40	48	60
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Complete the **Venn diagram**.

4	6	12	18	20	24	32	36
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