

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 = _____

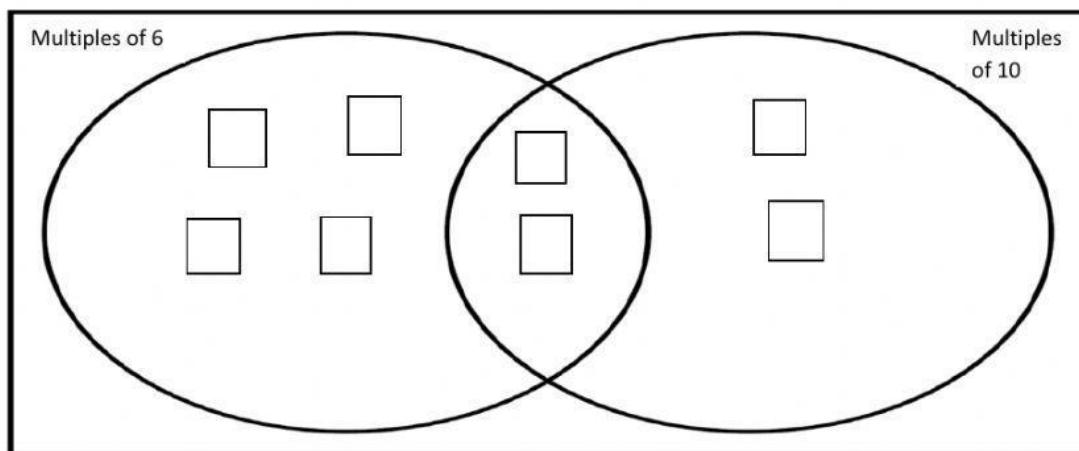
3, 6, and 9
LCM = _____

6 and 18
LCM = _____

7 and 9
LCM = _____

Complete the **Venn diagram**.

12 20 24 30 36 40 48 60



Complete the **Venn diagram**.

4 6 12 18 20 24 32 36

