

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**.

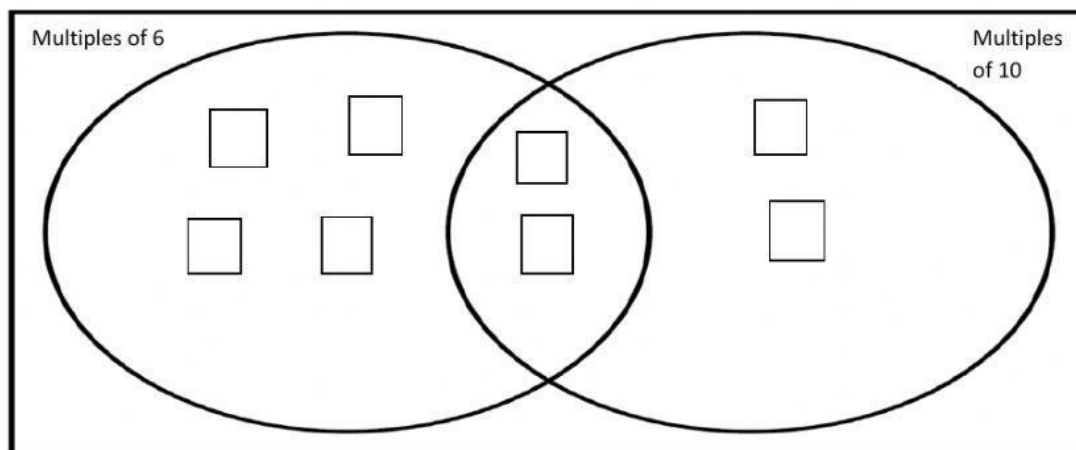
18 40 45 64 72 81 27

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 |
|---|---|----|----|----|----|----|----|

