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For Grades 1 - 10



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#### **LCM** worksheets

- 1. What is the common multiple of 8 and 11?
- 2. The least common multiple (LCM) of 22 and 11 is
- 3. Find the lowest number which is exactly divisible by 18 and 24.
- 4. Find the LCM (least common multiple) of the following numbers 50, 10, 15, and 20.
- 5. A florist wants to arrange 36 bouquets of flowers in different rows. Find the number of ways he can arrange the bouquets with the same number in each row.
- 6. What is the least number of saplings that can be arranged in rows of 12, 15 or 40 in each row?
- 7. Two types of marshmallows are available in the packs of 67 and 24, respectively. Rachel wants to buy the same number of marshmallows of both the types. What is the least number of packs of each type of marshmallows that she will need to buy?
- 8. Three bells ring at intervals of 45, 35, and 15 seconds, respectively. If the bells rang together at 8 o'clock, when would they ring together again?



- 9. A comet orbits around the Sun once in 22 years, and another comet orbits around the Sun once in 66 years. Both the comets were last seen together in the sky in 1988. In which year will the comets be seen together in the sky again?
- 10. The product of 69 and 45 numbers is equal to product of their
  - a. LCM and HCF of 69 and 45
  - b. HCF and the 45
  - c. LCM and the 45
  - d. HCF and the difference of the69 and 45



When you learn math in an interesting way, you never forget.



#### 25 Million

Math classes & counting

#### 100K+

Students learning Math the right way

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Present across USA, UK, Singapore, India, UAE & more.

## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect.

She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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## **ANSWERS**

| 1. | 88     | 6.  | 120                            |
|----|--------|-----|--------------------------------|
| 2. | 22     | 7.  | 1608                           |
| 3. | 72     | 8.  | After 630 minutes              |
| 4. | 300    | 9.  | 748                            |
| 5. | 8 days | 10. | a. LCM and HCF of 69<br>and 45 |



# **FUN FACT**

- An easy trick to remember the order of <u>PEMDAS</u> is "Please Excuse My Dear Aunt Sally".
- Many mnemonics following order of operations are used along with PEMDAS worldwide, like BODMAS, BEDMAS, and BIDMAS.

