

LCM Worksheet CLASS 5

Name: _____

Date: _____

Marks: _____ / 30

Remember: LCM = **Least Common Multiple** — the smallest number that is a multiple of two or more numbers.

A. Find the LCM by listing multiples. (6)

1. $4, 6 \rightarrow$ _____
2. $5, 10 \rightarrow$ _____
3. $3, 8 \rightarrow$ _____
4. $6, 9 \rightarrow$ _____
5. $7, 14 \rightarrow$ _____
6. $8, 12 \rightarrow$ _____

B. Find the LCM using prime factorisation. (6)

1. 12 and 18 → _____
2. 15 and 20 → _____
3. 16 and 24 → _____
4. 18 and 30 → _____
5. 21 and 28 → _____
6. 24 and 36 → _____

C. Choose the correct answer. (5)

1. LCM of 3 and 5 is: a) 8 b) 15 c) 10
2. LCM of 4 and 8 is: a) 4 b) 8 c) 12
3. LCM of 6 and 10 is: a) 20 b) 30 c) 60
4. LCM of 5 and 7 is: a) 12 b) 30 c) 35
5. Which is a common multiple of 4 and 6? a) 10 b) 12 c) 14

D. Fill in the blanks. (4)

1. The LCM of 2 and 6 is _____.
2. The smallest common multiple of 3 and 4 is _____.
3. LCM of 9 and 18 is _____.
4. LCM of 10 and 15 is _____.

E. Match the pairs. (4)

Numbers

LCM

- | | |
|------------|-------|
| 1. 2 and 3 | a. 20 |
| 2. 4 and 5 | b. 6 |
| 3. 3 and 6 | c. 12 |
| 4. 4 and 6 | d. 6 |

Answers: 1. ____ 2. ____ 3. ____ 4. ____

F. Word Problems. (3)

1. A bell rings every **4 minutes** and another every **6 minutes**. If they ring together now, after how many minutes will they ring together again? _____
2. Riya visits the library every **5 days** and Neha every **8 days**. If they visit together today, after how many days will they visit together again? _____
3. Two lights flash every **6 seconds** and **9 seconds**. After how many seconds will they flash together again? _____

G. (2)

1. Find the LCM of **6, 8 and 12**. _____
2. Find the smallest number that is divisible by **4, 5 and 6**. _____