

Subject: Maths

Class: Primary 7

Topic: Multiples and Common Multiples

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Write the first five multiples of 8: _____, _____, _____, _____, _____
2. Is 54 a multiple of 6? Write Yes or No: _____
3. Circle the multiples of 9 from this list: 12, 18, 24, 27, 33, 45.
4. The 10th multiple of 7 is _____.
5. Write the smallest multiple of 15: _____
6. How many multiples of 4 are there between 10 and 25? (● symbols): _____
7. True or False: Every number is a multiple of itself. _____
8. Find the first three common multiples of 2 and 3: _____, _____, _____
9. If one laddoo costs ₹5, write the multiples of 5 up to 30 to show the cost of 6 laddoos:

10. Fill in the blank: 12, 24, 36, ____, 60.

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Level: Intermediate

1. Find the Least Common Multiple (LCM) of 4 and 6. Answer: _____
2. Aarav visits the temple every 3rd day and Priya every 4th day. On which day will they meet?

3. Write all the multiples of 12 that are greater than 50 but less than 100: _____
4. Find the sum of the first three multiples of 10: _____
5. What is the smallest number that is a multiple of both 15 and 20? _____
6. If a flower 🌸 has 5 petals, list the total petals for 8, 9, and 10 flowers: _____
7. Which of these is NOT a multiple of 13? (26, 39, 53, 65): _____
8. Find the 15th multiple of 4 and subtract 10 from it: _____
9. Write the first two common multiples of 5, 10, and 15: _____
10. A bus leaves every 20 minutes. List the departure times in minutes for the first 5 buses:

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1. Find the LCM of 12, 16, and 24 using the division method. Answer: _____
2. The product of two numbers is 150. If their HCF is 5, find their LCM: _____
3. Find the smallest 4-digit number which is a multiple of 7: _____
4. Three bells ring at intervals of 15, 20, and 30 minutes. If they ring together at 8:00 AM, when will they ring together next? _____
5. Find the multiple of 17 which is closest to 100: _____
6. Prove: Is the sum of any two multiples of 6 also a multiple of 6? (Use 2 symbols if needed):

7. Find the LCM of 18 and 45 and express it as a product of prime factors: _____
8. A fruit seller has laddoos ●. If he packs them in boxes of 6 or 8, none are left. What is the minimum number of laddoos he has? _____
9. Calculate: (4th multiple of 9) + (5th multiple of 6) - (2nd multiple of 12) = _____
10. Challenge: Find the smallest number which when divided by 8 and 12 leaves a remainder of 3 in each case. (Hint: LCM + 3): _____