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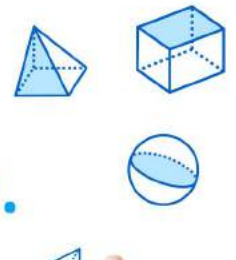

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Lowest Common Multiple Worksheets

1) Find the lowest common multiple of 9, 6, 12, and 15.

2) The lowest common multiple of 44 and 22 is _____.

3) The lowest common multiples of $4x$ and x is 20. What is the value of x?

4) The lowest number which leaves 6 as a remainder when divided by 10, 20, and 40 is _____ .

5) A number N is 5 less than the lowest number which is exactly divisible by 12 and 18. Find the number N.

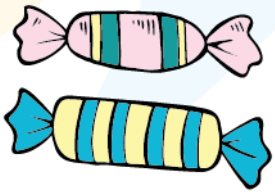
6) There is an electrician, painter, and a plumber, who visit an apartment for maintenance at an interval of 30 days, 50 days, and 60 days respectively. If all three of them together visit the apartment on a particular day, after how many days will all the three again visit the apartment?

7) Jenny saves $7.45 every day. Find the minimum number of days for which she needs to save to get her savings to a whole number.

8) The product of any two numbers is equal to product of their

A. LCM and HCF
B. HCF and the larger number
C. LCM and the smaller number
D. HCF and the difference of the two numbers

9) Two types of candies are available in the packs of 56 and 24, respectively. Eric wants to buy the same number of candies of both the types. What is the least number of packs of each type of candies that he will need to buy?



10) There are three bells which make three different sounds at an interval of 3 minutes, 5 minutes and 6 minutes respectively. If all the three bells are started at once, after how much time will all the three bells ring together again?

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

- Gary Schwartz

"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."

- Kirk Riley

"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."

- Barbara Cabrera

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ANSWERS

1)	180
2)	44
3)	5
4)	46
5)	31
6)	300

7)	20
8)	(A)
9)	3, 7
10)	30

FUN FACT

1. A multiple of a number is always the product of that number and an integer.

2. The lowest common multiple of any two numbers is the smallest of all the multiples of both the numbers.