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THE MATH EXPERT

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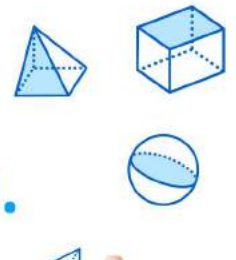

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GCF and LCM word problems Worksheets - 1

1. Find the greatest common factor of the following.
   a) 7 and 14
   b) 12 and 15

2. State whether true or false.
   a) The G.C.F. of two prime numbers is always 1.
   b) Two composite numbers can never have G.C.F. as 1.

3. Calculate the greatest common factor of: 36, 48, 18

4. Complete the following table by filling the blocks in the second column against each option in the first column.

Factors of 28	
Factors of 18	
Greatest common factor of 28 and 18	

5. Choose the pairs whose greatest common factor is 12 among the following:
   a) 24, 60
   b) 12, 18
   c) 6, 24
   d) 12, 36

6. Find the LCM (least common multiple) of the following numbers 45, 30, 15, and 20.

7. A florist wants to arrange 96 bouquets of flowers in different rows. Find the number of ways he can arrange the bouquets with the same number in each row.

8. What is the least number of saplings that can be arranged in rows of 12, 15 or 40 in each row?

9. Two types of ice-creams are available in the packs of 46 and 24, respectively. Aleena wants to buy the same number of ice-creams of both the types. What is the least number of packs of each type of ice-creams that she will need to buy?

10. Three bells ring at intervals of 85, 35, and 15 seconds, respectively. If the bells rang together at 8 o'clock, when would they ring together again?

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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!"

- 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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