

GCF and LCM - Word Problems

- 1) Lisa wants to tile her kitchen that is 15 feet x 18 feet. If she is going to use square tiles, what is the greatest possible side length of each tile?

- 2) Tony has joined the local sports club. He plays badminton every 4 days, practices basketball every 8 days, and goes in for carom once in a fortnight. If Tony plays all the sports, how long will it be before he plays badminton, basketball, and carom again?

- 3) There are 30 ceramic plates and 24 bowls in Martha's kitchen closet. She wants to rearrange them into sets. How many sets can she make, and how many plates and bowls will be in each set?

- 4) Cindy is riding on a tram on tracks that run in opposite directions. The tram she is on runs every 5 minutes. Another tram runs every 7 minutes. At the moment, both trams are at the same stop. How long will it be before the two trams are at the same stop again?

- 5) A bike showroom features bikes of two major brands. It showcases 34 bikes of brand A and 51 bikes of brand B. The owner wants to showcase rows of both brands, with an equal number of bikes in every row. What is the maximum number of bikes he can display in each row?

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