

Download Least Common Multiple Word Problems And Answers

Word Problems that uses GCF or LCM (Worksheets) We use the least common multiple when adding or subtracting fractions with unlike denominators. It is then called the least common denominator. Fill in all the gaps, then press "Check" to check your answers. Use the "Hint" button to get a free letter if an answer is giving you trouble. The product of the maximum occurrences of each prime factor in the numbers gives the least common multiple of the two numbers. Example. Find least common multiple (lcm) of 21 and 48. Solution. Step 1: The prime factors of 21 and 48 are $21 = 3 \times 7$. $48 = 2 \times 2 \times 2 \times 2 \times 3$. Step 2: Maximum occurrences of the prime factors are 2(4 times); 3(1 time); 7(1 time) In this word problem, the least number of candies equals the number of people to be shared with, and also equals the least common multiple. Today we're going to look at a couple of examples in which we use the Least Common Multiple (LCM) to solve math problems. In one example, we'll use the LCM to calculate the answer directly, and in the other we'll need it as a step to find the solution to the problem., Least Common Multiple Word Problems And Answers.

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