



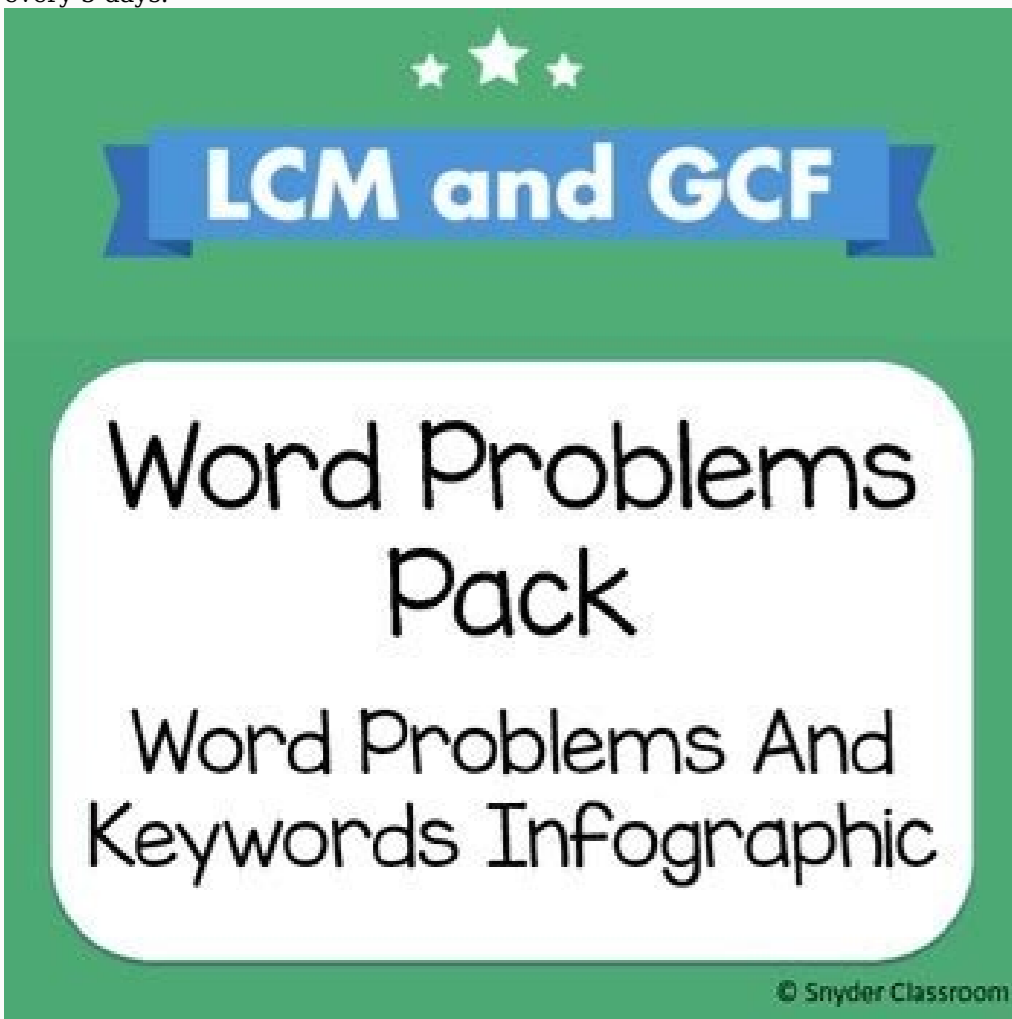
I'm not robot



**I'm not robot!**

## Word problems for lcm

Eight interesting and fun multi-word puzzles that you can give your students to tease them. If your students can solve these problems, they will likely be able to solve all the less common multi-word problems. Oral task no. 1. The football and basketball teams played games today. The football team plays every 3 days and the basketball team plays every 5 days.



When will both teams play again on the same day? Word Problem 2. A restaurant manager can buy hamburger buns for 8¢ and hamburger patties. In packages. Suppose the driver cannot buy an incomplete package. What is the smallest amount of each product he can buy to get the same number of hamburgers and buns? Oral task no. 3A A man smiles at his beautiful wife every 3 seconds and she smiles back at him every 6 seconds. When will a husband and wife smile at each other at the same time? Word Problem 4: Steve can save \$9 each day and Mary can save \$12 each day. What is the least number of days that will cost each person the same amount of money? More interesting and funnier. The least common multi-word problems. Word Problem 5: Boxes 12 inches high are placed next to boxes 10 inches high. What is the minimum height in feet that will make both poles the same height? Word Problem 6: A radio station broadcasts "Yesterday" by The Beatles every 2 days. Another radio station plays the same song every 3 days. How many times in 30 days will both radio stations play the same song on the same day? Word Problem 7: Two men running a marathon sipped water at the same time 72 minutes into the race. If the first person drank a sip of water every 9 minutes, how often did the second person drink a sip of water? Oral task no. 8. A train to New York leaves the station every 7 minutes. Another train to Boston leaves the station every 6 minutes. Let's say it's 6:30. What time do both trains leave? B'osie is a fun and funny, uncommon multi-word problem that you can ask your students to tease. If your students can solve these problems, they may be able to work through all the word problems with the least common multipliers. Word task no. 1 The football team and the basketball team played games today. The football team plays every 3 days and the basketball team plays every 5 days.

Name: _____	Class: _____	Date: _____
Topic: LCM and GCF Problems Set 3		
1. The maximum number of students among whom 1001 pens and 910 pencils can be distributed in such a way that each student gets same number of pens and same number of pencils is .....	46 minutes 12 seconds	Answer
2. If milkman has 75 liters milk in one can and 45 liters in another. The maximum capacity of container which can measure milk of either container exact number of times is .....	10:18:36am	Answer
3. A farmer has 945 cows and 2475 sheep. He farms them into flocks, keeping cows and sheep separate and having the same number of animals in each flock. If these flocks are as large as possible, then the maximum number of animals in each flock and total number of flocks required for this purpose are respectively .....	120	Answer
4. There are 24 peaches, 36 apricots and 60 bananas and they have to be arranged in several rows in such a way that every row contains the same number of fruits of only one type. What is the maximum number of rows required for this to happen?	6930	Answer
5. Two pipes of length 15 m and 12 m are to be cut into equal pieces without leaving any extra length of pipes. The greatest length of the pipe pieces of same size which can be cut from these two lengths will be .....	1800 seconds	Answer

When will both teams play on the same day? Word exercise no. 2 A restaurant manager can buy hamburger rolls in packages of 8 and hamburger patties in packages of 6. Suppose the manager cannot buy part of the package. What is the smallest number of packages of each product that he can buy to produce the same number of hamburger patties and rolls? Word Exercise 3 A man smiles at his beautiful wife every 3 seconds and she smiles back at him every 6 seconds. When a husband and wife smile at each other at the same time? Word Problem 4 Steve can save \$9 each day and Mary can save \$12 each day. What is the minimum number of days each person would need to save the same amount of money? For more interesting and fun, less frequent tasks, the 10-inch boxes are joined by No. 5 multi-word boxes, 12 inches high.

What is the minimum leg height at which both supports will be at the same height? Oral task no. 6 The radio station plays "Yesterday" by The Beatles once every two days. Another radio station plays the same song once every 3 days. How many times will both radio stations play the same song on the same day in 30 days? Oral task no.

**Example #1** GCF

Mr. Rodriguez is organizing his classroom supplies for students into baskets. He has 49 markers, 35 rulers, and 42 glue sticks. What is the greatest number of baskets Mr. Rodriguez can make by using all the supplies? How many of each supply will there be per basket?

÷ baskets	49	35	42	Div
— markers	7	5	6	7
— rulers			3	
— glue sticks				

7 Two men running a marathon drank water 72 minutes before the race. If the first man took a sip of water every 9 minutes, how often did the second man take a sip of water? Word Exercise 8 A train to New York leaves the station every 7 minutes. Another train to Boston leaves the station every 6 minutes. Let's say it's 6:30. When will both trains run? It's hard. However, they are not forced to do so. Learn how to prepare yourself and complete the section with confidence. Read more June 23, June 23, 07:52. The main calculation principle of this lesson is presented. Learn to count with multiplication and addition. Read More If you see this message, it means we're having trouble loading external resources on our site. If you are behind a web filter, make sure that the domains \*.kastatic.org and \*.kasandbox.org are unlocked. This video is a quick reminder of LCM - the most common word problems in maths at GCSE and is aimed at around 5 year olds.

2	10, 12, 15
3	5, 6, 15
5	5, 2, 5
	1, 2, 1

Please pause the video to browse the questions, compare your solutions, I hope you find the video useful and feel free to leave a comment thanks! Download a copy of the questions here: Word problems QT LCM Here is a copy of the written answers: Answers to word problems qt lcm 1.

### Least Common Multiple Word Problems

<https://pagecraster.com/how-to-calculate-lcm-or-least-common-multiples/>

John has a tennis class every 15 days and Mark has a tennis class every 12 days, if they meet today at the sports club then when will they meet next.

<b>John</b>	<b>Mark</b>
15 x 1 = 15	12 x 1 = 12
15 x 2 = 30	12 x 2 = 24
15 x 3 = 45	12 x 3 = 36
15 x 4 = 60	12 x 4 = 48
15 x 5 = 75	12 x 5 = 60

Bus A and Bus B leave Leeds at 11:00. The bus ends every 8 minutes and the B bus stops every 14 minutes. Assuming both buses follow a circular route, when could they end up in Leeds? 2. My first snooze alarm goes off every 6 minutes, second snooze alarm goes off every 7 minutes, and third snooze alarm goes off every 8 minutes. Assuming all alarms started at 7:00 am, how long will it take for them to go off again? And should I get up completely? 3. The lighthouse has two lights. One that blinks every 14 seconds and one that blinks every 2 minutes. If the lights flash together at 10 o'clock, when will they see each other again? 4. The service manual recommends changing the oil filter every 3,000 miles, the air filter every 5,000 miles, and the fuel filter every 8,000 miles. The car travels 1,500 miles per month. If we were all three? This can be interesting: the maximum HCF and LCM coefficient and the smallest general reusable - HCF multiple HCF and the smallest total LCM to calculate HCF and LCM using factor tree speed. GCSE average math asks how to create a cohesion equation using algebra terms, simplify the algebra part using factoring expansion brackets, and simplify. Part of the average GCSE math algebra: Prices at the time of sale, how to calculate the reverse interest; GCSE Mathematics percentage, if you are not sure, leave the comment below. Or you can view my YouTube channel and leave a comment there. I will always try to answer as soon as possible. See YouTube: The slightest word problems. Thank you very much if it was useful to you! If you subscribe to the channel, you will also receive a statement about new uploaded videos. These text problems require the use of the largest general factor (GCF) or the least general repetition (LCM). GCF and LCM text problems encourage students to read and think about questions, not just recognize the solution model. Decisions.