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			GCF and LCM word problems																										
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denry and Lilian are twins. Their mum bought a	a carton of biscuits and kept in the house for													
hem to always take some to school. Henry p	plans to always remove 9 biscuits from the													
arton each time he wants to eat, while Lilian p	lans to always remove 7. A week later, Henry													
nd Lilian are surprised to realise that they h	ave removed the same number of biscuits													
rom the carton so far.														
Vhat is the least possible number of biscuits t	hat Lilian has removed from the carton?													
. We find the LCM of 7 and 9 to determine the lilian removed from the carton.	e least number of bicuits													
Multiples of 7 are: 7, 14, 21, 28, 35, 42, 49,														
Multiples of 9 are: 9, 18, 27, 36, 45, 54, 63, This shows that Lilian has removed 63 b														
lenry has 42 red glass marbles and his friend	Daniels has 28 blue glass marbles. For their													
game, they want to form as many groups of	glass marbles as possible, with each group													
naving the same combinations of blue and red	glass marbles. Also, they want to make sure													
hat none of the marbles is left out. What is th	e greatest number of groups they can get?													
To get the greatest number of groups a	nd also make sure that no marble is left out.													

we will get the greatest number that can divide 28 and 42 without a remainder.

Prime factors of $28 = 2 \times 2 \times 7$ Prime factors of $42 = 2 \times 3 \times 7$ GCF of 28 and $42 = 2 \times 7 = 14$

Therefore, there will be 14 number of groups.