Least Common Multiple (LCM)

The least common multiple (LCM) is simply the smallest of the common multiples.
Steps:
1) List all the multiples of the set of numbers until you get a match
2) The LCM is the least number that fits into all numbers in the set

Example
(3, 10) – Set
3 – 3, 6, 9, 12, 15, 18, 21, 24, 27, (30,) …
10 – 10, 20, (30,) …   **Answer – The LCM is 30**

Questions   Find the least common multiple (LCM) of the numbers below

1) (4, 10)	2) (3, 8)	3) (2, 5)
4) (6, 8)	5) (5, 6)	6) (8, 5)
7) (9, 4)	8) (9, 6)	9) (10, 6)

Least Common Multiple - Riddle

Questions | Write the letters above the answers at the bottom to solve the riddle

U LCM of 3 and 4	**R** LCM of 9 and 21
M LCM of 7 and 3	**Y** LCM of 7 and 6
O LCM of 4 and 10	**E** LCM of 4 and 14
N LCM of 6 and 8	**A** LCM of 18 and 3

What belongs to you but is used more by your friends

____ ____ ____ ____   ____ ____ ____ ____

42   20   12   63   24   18   21   28