

Least Common Multiple (LCM)

9: 19, 18, 27, 36, 45, ...

12: 12, 24, 36, 48, ...

Name: _____

Date: _____

Mathematics - Finding the LCM

Carefully read each question. Type your answer in the space provided.
(Complete your working in your notebook).

1. This afternoon, Kristin noticed that the number of the page assigned for homework is divisible by both 10 and 5. What is the smallest possible page number that could have been assigned?
2. Ebony is thinking of a number that is divisible by both 4 and 6. What is the smallest possible number that Ebony could be thinking of?
3. Cups are sold 6 in a package and plates are sold 8 in a package. If you want to have the same number of each item for a party, what is the least number of packages of each you need to buy?
4. Sheldon swims every 6 days and runs every 4 days. If he did both today, in how many days will he do both activities again on the same day?