Name

Date

Use the LCM to solve the following problems

1. Today, both the soccer team and the basketball team had games. The soccer team plays every 3 days and the basketball team plays every 5 days. When will both teams have games on the same day again?

2. Denesha is thinking of a number that is divisible by both 9 and 7. What is the smallest number Denesha could be thinking of?

3. The high school marching band rehearses with either 6 or 10 members in every line. What is the least number of people that can be in the marching band ?

4. Find the lowest number which is exactly divisible by 12 and 18.

5. Find the lowest number which is exactly divisible by 14 and 16.

6. Steve can save 9 dollars every day while Maria can save 12 dollars every day. What is the least number of days it will take each person to save the same amount of money?

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7. A shopkeeper sells chocolate Packets that contain 15 chocolate and biscuit packets that contain 9 biscuits. What is the least number of chocolates and biscuits Siri should buy so that there will be one biscuit for every chocolate?

8. Pratima attends dance classes every 6 days, singing classes every 4 days, and yoga classes every 16 days. If she does all three activities today, in how many days will she do all the three activities again on the same day?

9. A salesman goes to New York every 15 days for one day and another every 24 days, also for one day. Today, both are in New York. After how many days both salesman will be again in New York on same day?

10. Omar is planting trees. He has enough trees to plant 6, 7, or 14 trees in each row. What is the least number of trees Omar could have ?

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