1.6 Least Common Multiple

Solve the problems on another piece of paper by making boxes. One problem goes in a box.
For word problems, write your answer in a sentence.

Find the least common multiple of the numbers.
1. 10, 12   2. 18, 30   3. 25, 40   4. 15, 18   5. 24, 28

6. 16, 24   7. 16, 28   8. 9, 21   9. 15, 20

10. You have piano lessons every 7 days and tuba lessons every 3 days. Today, you have both lessons. In how many days will you have both lessons on the same day again.

11. You run one lap around a mile track every 8 minutes. Your friend runs around the same track every 10 minutes. You both start at the starting line at the same time. In how many minutes will you both meet at the starting line at the same time again?