Additional Practice 4.4

Find the LCM.

1. 8 and 10   **2.** 6 and 60   **3.** 12 and 15   **4.** 9 and 21

5. 9 and 24   **6.** 10, 12, and 15   **7.** 5, 6, and 12   **8.** 8, 10, and 12

Find the LCM using prime factorization.

9. 14 and 30   **10.** 21 and 56   **11.** 7 and 20

12. 14 and 112   **13.** 18, 21, and 24   **14.** 7, 20, and 36

Solve each problem.

15. At 10 A.M., an airplane departs from Hanger A, Hanger B, and Hanger C. Airplanes depart from Hanger A every 15 minutes, from Hanger B every 18 minutes, and from Hanger C every 24 minutes. How many hours will pass before all three hangers have airplanes departing at the same time again?

16. Sarah wants to decorate a children's nursery by stacking colorful blocks around the room. She has 48 blue blocks, 24 green blocks and 36 red blocks. She wants to make as many stacks as possible and have an equal number of each color in each stack. How many stacks can she make? How many of each block will be in each stack?