Problem-Solving Strategy: Draw a Picture

Draw a picture to solve each problem.

1. A board is 54 inches long. Nate cuts the board into 6 equal pieces. How long is each piece?

2. Erin is cutting a loaf of bread into 12 slices. What is the fewest number of cuts she can make?

3. There are 24 flowers planted in a flower bed. The flowers are pink, yellow, white, and purple. Every fourth flower is pink. How many pink flowers are there?

4. There are 3 wagons in a wagon train. Each wagon is 15 feet long. There are 5 feet between each wagon. What is the length of the wagon train?

5. Pete’s mom buys 48 inches of ribbon. First she cuts the ribbon in half. Then she cuts each piece into 3 equal pieces. How many pieces of ribbon will she have then?

Show your work.