Happy Thanksgiving
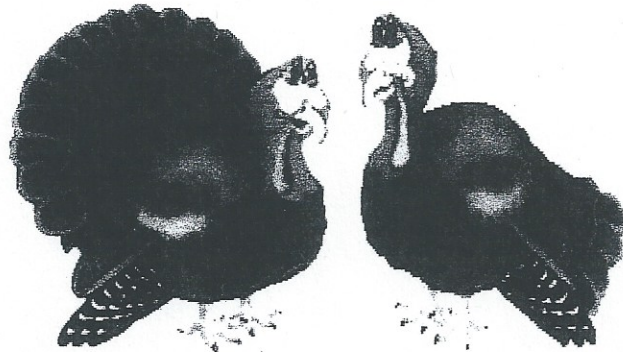
Name_____

To solve these problems, you may need to make a diagram, draw a picture, guess and check, or make a chart.

1. Mr. Pilgrim has a turkey farm. He has one male turkey for every 17 female turkeys. If he has 289 females, how many does he have? Can this be expressed using exponents?
2. Each turkey has 2.3×10^6 feathers. How many feathers is that in standard form?
3. Mrs. Mayflower is making Thanksgiving dinner for 40 people. She wants to make one long table so she needs to borrow some tables. Each table can sit 3 on a side and 2 at an end. How many tables will she need? (Hint: Draw a picture)
4. Everyone wants to watch football games. There are 3 on in the afternoon and 3 on at night. How many different combinations of games can they watch?
5. Mr. Pilgrim needs fencing for his turkey coop. The perimeter is 240 yards. The length is 16 yards longer than the width. What are the dimensions? What is the area? (Hint: Area= length X width)
6. Mrs. Corn is making a turkey dinner. It is 22 pounds. It takes 20 minutes a pound to cook a stuffed turkey and 15 minutes a pound to cook an unstuffed turkey. How long would it take to cook a stuffed turkey? An unstuffed turkey? How much longer does it take to cook a stuffed turkey?
7. Mrs. Corn decided to stuff the turkey. She wants to eat dinner at 4:00 PM. If the turkey should sit 30 minutes before it is carved, when should she put the turkey into the oven?
8. The Pilgrims and the Indians had a feast—a big feast. There were 10 more Pilgrims than Indians. There were 150 people in all. How many Pilgrims and how many Indians?