I am greater than 1,000 but less than 2,000. My hundreds digit is twice my ones digit. My tens digit is triple my thousands digit. The sum of my digits is 16. What number am I?

Start at a point and trace a path that covers each curve exactly once. At which point can you start?
Complete this puzzle so that the numbers along each line have a sum of 34.

This scale came with 3 weights. How can you balance an item that weighs 6 ounces? 7 ounces?
There are 8 tables in a banquet room. Some tables seat 6 and some seat 8. If there are 54 chairs, how many tables seat 6 people?

An ancient Egyptian water clock kept time by measuring the water dripping out of a container. If 3 cups dripped out between 1 P.M. and 3 P.M., how many cups dripped out in 8 hours?
The dog weighs twice as much as the cat. The basket weighs 6 lb less than the cat. How much does the dog weigh?

Each letter stands for a digit. A different letter is a different digit. What digit does each letter stand for?
Mrs. Brown sells books. Each night she orders the number of books sold that day plus half as many. Yesterday she had 150 books and sold 30. When she receives today’s order, how many books will she have?

Every letter, number, and symbol on a computer keyboard uses 8 bits of information. Every 8 bits form 1 byte. How many bits are used in the word mouse? How many bytes?
When Joseph got home, he did homework for 1 hr 35 min, played with his brother for 2 hr, and ate dinner for 45 min. He went to sleep at 9:45 P.M. What time did Joseph get home?

Steven spent twice as much as Yvonne. How much did Yvonne, Lois, and Steven spend for supplies?
If you spin the spinner 20 times, about how many times do you think it will land on red?

Stacy did three times as many homework problems as Lani. They each did an even number of problems. Between them, they did more than 20 but fewer than 30 problems. How many did each girl do?
Bird designs like this one are used in Native American textiles. Which design is flipped once?

a.  

b.  
c.  

See Problem of the Day Teaching Guide for an extension.

You need 302 pens. Which boxes should you take to have the exact amount?

Pens 144  
PENS 63  
Pens 95