Part 4 Addition and Subtraction Practice

This is a review of things you learned earlier. Write your answers on a separate sheet of paper.

Building	City	Height (in feet)
John Hancock Tower	Chicago	1127
Willis Tower	Chicago	1454
Space Needle	Seattle	605
Empire State Building	New York	1250

Use the data in the table to help you solve the problems below. Show or tell how you solved each problem.

1. Write down the heights of the buildings in order from smallest to largest.

2. How many feet taller is the Willis Tower than the John Hancock Tower?

3. **A.** A three-story school building is about 50 feet tall. About how many times taller is the Space Needle?

   B. About how many times taller is the Willis Tower?

4. About how many times taller is the Empire State Building than the Space Needle?

5. The CN Tower in Toronto, Canada, is 361 feet taller than the Willis Tower. How tall is the CN Tower?

6. **A.** The Petronas Tower in Kuala, Malaysia, is 332 feet shorter than the CN Tower. How tall is the Petronas Tower?

   B. Is the Petronas Tower taller or shorter than the Willis Tower? By how many feet?

7. Solve the following problems. Estimate to be sure your answers are reasonable. Explain your estimation strategies.

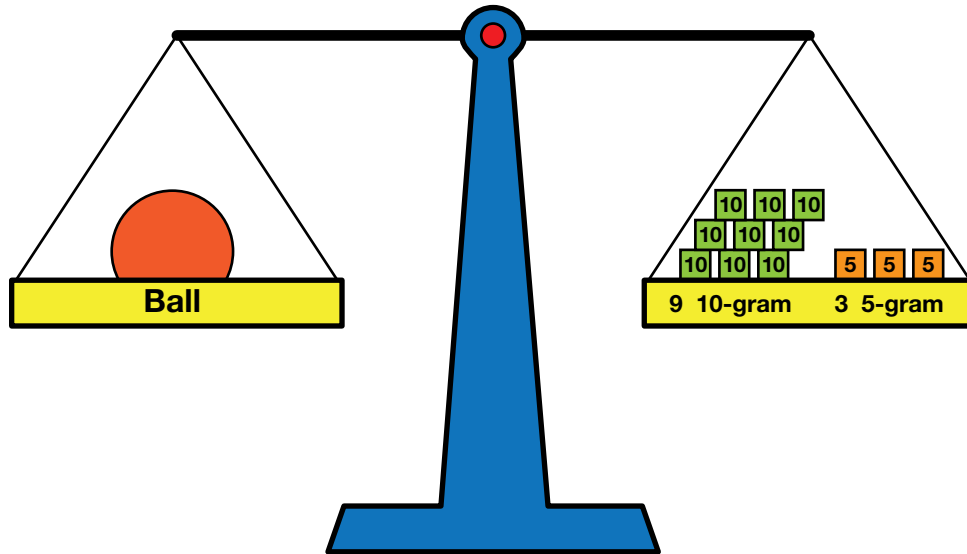   **A.** $\begin{array}{r} 7234 \\ + 3849 \\ \hline \end{array}$ **B.** $\begin{array}{r} 632 \\ - 485 \\ \hline \end{array}$

Part 5 What is the Mass?

Write a number sentence to show the mass of each object.

1. A ball balances nine 10-gram masses and three 5-gram masses.

   What is the mass of the ball?

   _____

2. A marker balances three 10-gram masses, nine 5-gram masses, and three 1-gram masses. What is the mass of the marker?

3. A box that has 3 crayons in it has a total mass of 60 grams. What is the mass of one crayon?