

Name \_\_\_\_\_

period \_\_\_\_\_

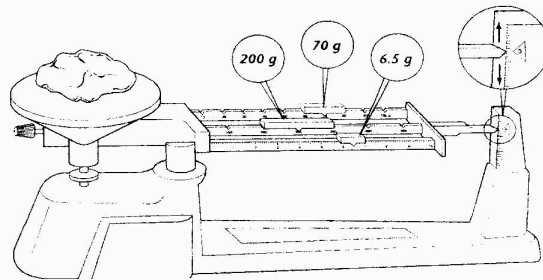
## Science Skills 6

### Reading a Triple Beam Balance

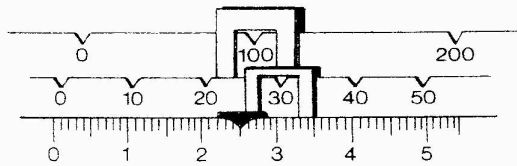
Mass is the amount of matter in an object. There are different kinds of balances used to measure mass. Be sure you understand how your balance works. Some balances give a single reading. Others give two or more readings that you have to add together.

For example, look at the triple-beam balance on the right. Notice that the middle beam measures the largest amounts. To read the mass of an object, find and record the masses shown on each of the beams. Then add the readings.

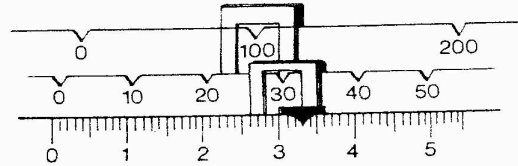
$$200\text{ g} + 70\text{ g} + 6.5\text{ g} = 276.5\text{ g}$$



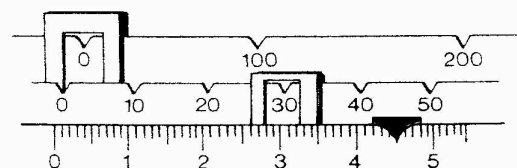
**Directions:** Find the sum of the masses on all three riders. Don't forget your units!



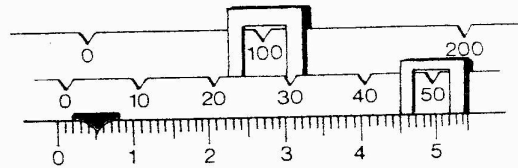
1. \_\_\_\_\_



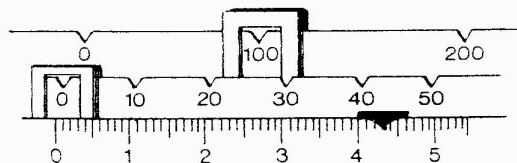
4. \_\_\_\_\_



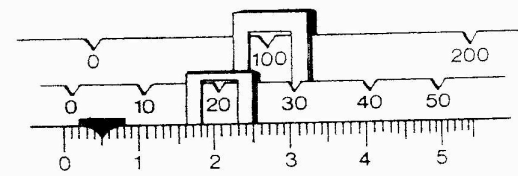
2. \_\_\_\_\_



5. \_\_\_\_\_



3. \_\_\_\_\_

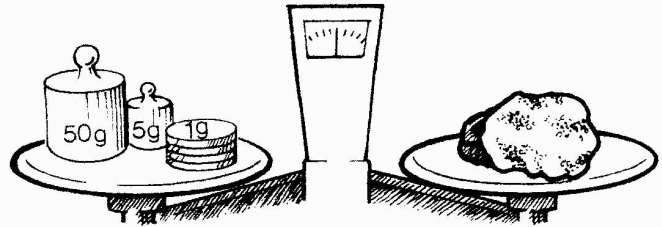
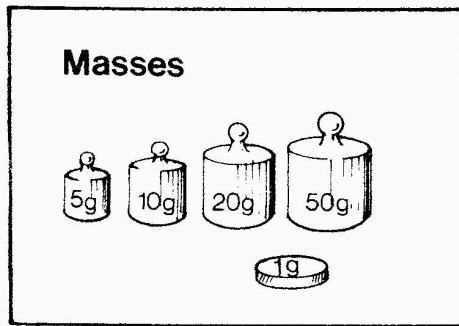


6. \_\_\_\_\_

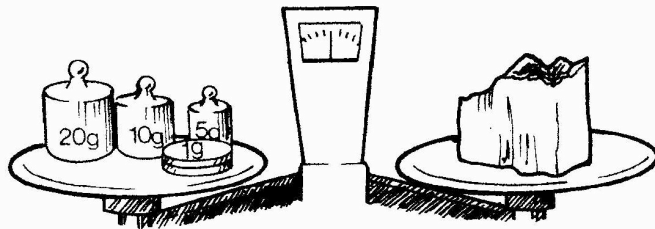
## Reading A Double Pan Balance

To determine the mass of an object using a double pan balance, find the sum of masses needed to balance the two pans.

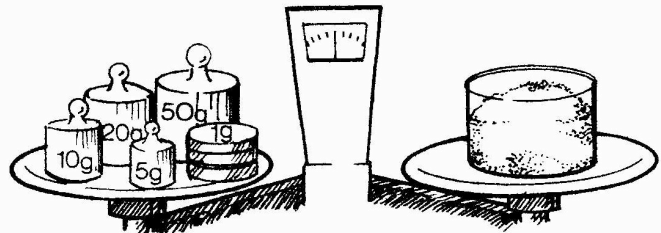
Find the mass of each of the objects pictured below.



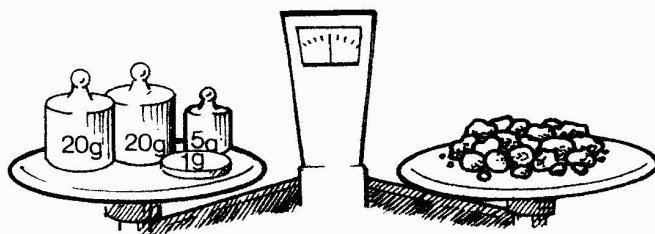
1. \_\_\_\_\_ g



2. \_\_\_\_\_ g



3. \_\_\_\_\_ g



4. \_\_\_\_\_ g