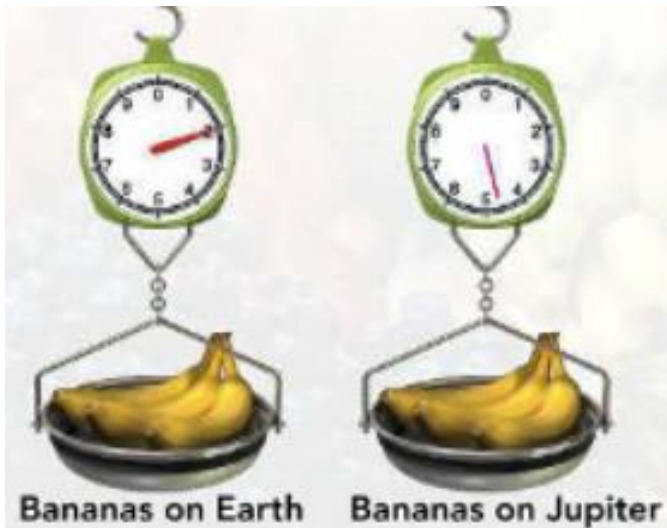


Lesson 2

ANSWER KEYS

Figures 2 & 4



Effect of Gravity on Weight


Figure 2 ✎ On Earth, the bananas on the scale weigh two pounds. What do you think they would weigh on Jupiter? Draw in the missing hand on the face of the second scale to indicate your estimate.

Density and Water

Figure 4 When people throw coins into a fountain, the coins drop to the bottom. Why do the coins drop to the bottom of the fountain?

The density of the coins
is greater than 1 g/cm^3 ,
the density of water.

Reading Checks

 **READING CHECK** Summarize What are weight, mass, and volume?

Weight is a measure of the force of gravity on an object. Mass is a measure of how much matter something has, regardless of gravity. Volume is how much space an object takes up.