

# Estimating and Checking Weight

**Answer these questions. Remember that an object’s weight on the Moon is about  $\frac{1}{6}$  of its weight on Earth, and that an object’s weight on Jupiter is about 300 times its weight on Earth.**

- 1 If a bowling ball weighs 12 pounds on Earth,  
 how much will it weigh . . . on the Moon? \_\_\_\_\_ pounds  
 on Jupiter? \_\_\_\_\_ pounds

- 2 If Tom weighs 30 pounds on the Moon,  
 how much would he weigh . . . on Earth? \_\_\_\_\_ pounds  
 on Jupiter? \_\_\_\_\_ pounds

- 3 If a car weighs 900,000 pounds on Jupiter,  
 how much would it weigh . . . on Earth? \_\_\_\_\_ pounds  
 on the Moon? \_\_\_\_\_ pounds