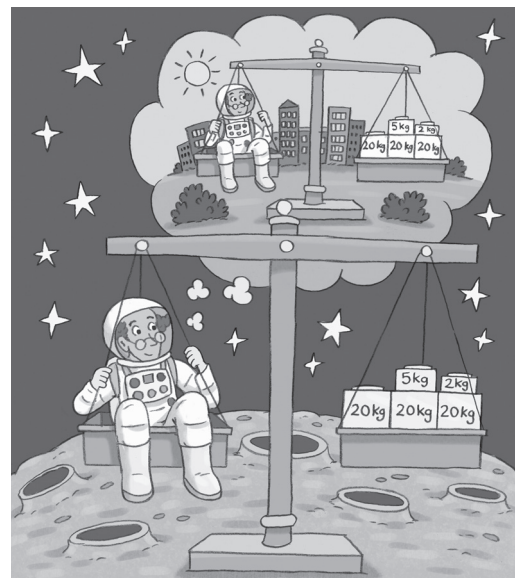


2. On Earth, Professor Peabody took off his 160-ounce moon boots to weigh himself. If he weighs 148 pounds on Earth with his boots on, how much does he weigh with his boots off? Show or tell how you know.

3. **A.** Professor Peabody knows his mass is the same on the moon and on Earth. His mass is 67 kilograms. Complete the table to find Professor Peabody’s mass in grams.

Input	Output
Mass in Kilograms	Mass in Grams
1	1000
2	2000
3	
	4000
10	10,000
67	



- B.** Write a rule to find the mass in grams when you know the mass in kilograms.