

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_



**Penguin Bay Biology**

- Biology Class, Simplified -

## 0.6 Student Activity

### The Metric System



Using the 'jump' method, complete the following conversions:

**Kilo – hecto – deka – (main unit) – deci – centi – milli**

1) 1 cm = \_\_\_\_\_ mm

2) 1 m = \_\_\_\_\_ cm

3) 1 m = \_\_\_\_\_ mm

4) 1 km = \_\_\_\_\_ m

5) 1 g = \_\_\_\_\_ mg

6) 1 kg = \_\_\_\_\_ g

7) 4568 m = \_\_\_\_\_ km

8) 0.34 m = \_\_\_\_\_ cm

9) 1.2 L = \_\_\_\_\_ mL

10) 563 mL = \_\_\_\_\_ L

## 0.6 Student Activity

### The Metric System



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**Using the following data, answer the questions and create a graph.**

An elderly patient was sent home with a cholesterol monitoring device. The patient was instructed to take a daily cholesterol reading for 14 days. Good cholesterol readings for older adults are less than 200; borderline readings are 200 – 239, and high readings are 240 or higher. Below is a chart of the results:

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
189	189	192	190	194	188	190
Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
201	198	197	203	221	209	199

1. What is the average cholesterol reading? \_\_\_\_\_
2. Based on the average reading, does this patient have high cholesterol? \_\_\_\_\_
3. Graph the data and label it correctly: