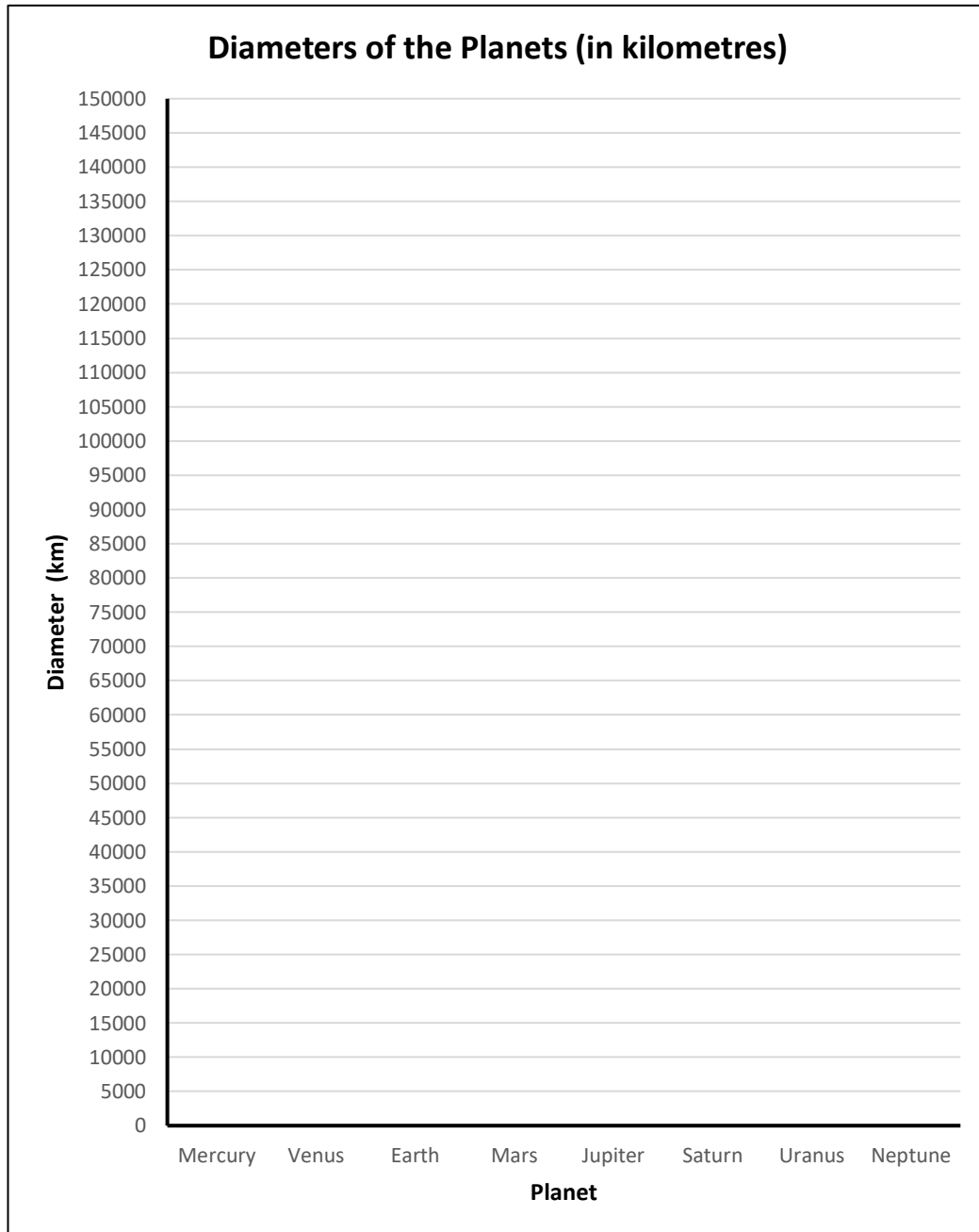
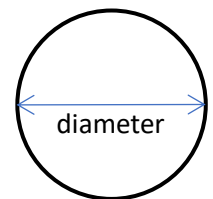


Part A: How Big are the Planets?

Name: _____



Planet	Diameter (km)
Mercury	4,866
Venus	12,106
Earth	12,742
Mars	6,760
Jupiter	139,516
Saturn	116,438
Uranus	46,940
Neptune	45,432

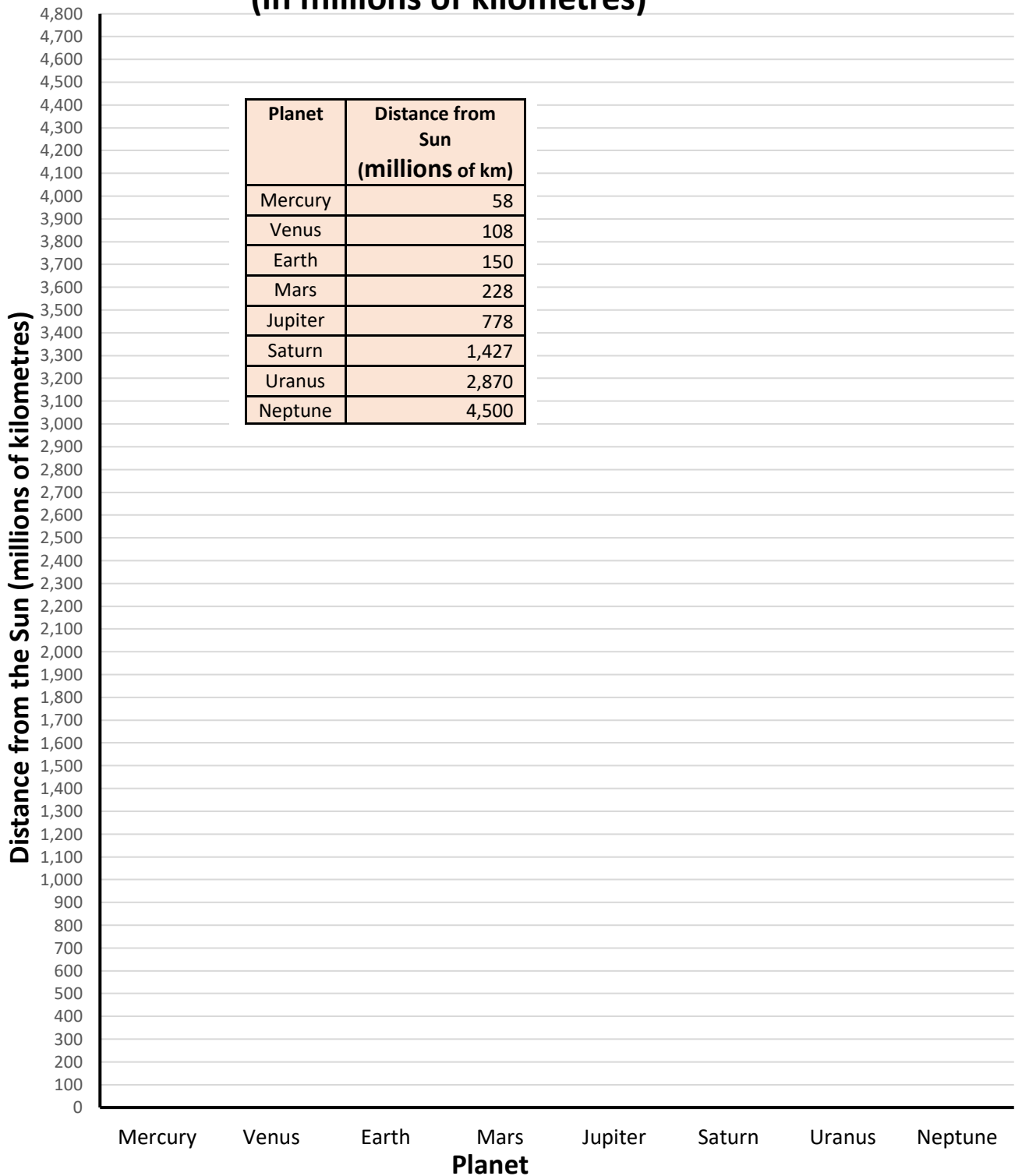


1. Draw a bar graph showing the sizes of the planets.
2. Which is the biggest planet? _____
3. Approximately, how many times wider is it than the Earth? To calculate this, use the formula:

$$\frac{\text{diameter of planet}}{\text{diameter of Earth}} = \frac{\quad}{\quad} = \quad$$
4. Which is the smallest planet? _____
5. Which two planets are approximately 4 times wider than the Earth? _____
6. Which planet is approximately the same size as the Earth? _____
7. The diameter of the sun is 1,392,700 km. Approximately how many times wider is the Sun than the Earth?

$$\frac{\text{diameter of sun}}{\text{diameter of Earth}} = \frac{\quad}{\quad} = \quad$$

Distance of the Planets from the Sun (in millions of kilometres)



8. Draw a bar graph showing how far the planets are from the sun.
9. How far is Jupiter from the Sun? (Note: the table is in millions of km) _____
10. How far is the Earth from the Sun? _____
11. How many times further is Jupiter from the Sun than the Earth is from the Sun? _____
12. How many planets are more than 1 billion km (1,000 million km) from the sun? _____