

# Compare Whole Numbers

**TAKS Objectives 1, 3**  
**TEKS 4.1.A, 4.10**

The table shows the diameters of six planets. Use the table to answer Problems 1–4.

Planet	Diameter (km)
Mercury	4,879
Venus	12,104
Earth	12,756
Mars	6,794
Jupiter	142,984
Saturn	120,536

1. Which has the greater diameter, Venus or Earth?

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3. Which planet has the greatest diameter? Which planet has the least diameter?

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5. Neptune has a diameter of about forty-nine thousand, five hundred kilometers. Uranus has a diameter of about fifty-one thousand, one hundred kilometers. Which diameter is greater?

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2. Which has the smaller diameter, Mars or Mercury?

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4. Compare the diameters of Jupiter and Saturn. What is the first place where the digits are different?

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6. The Earth can be divided into four layers: the crust, the mantle, the outer core, and the inner core. The inner core is 800 miles thick. The mantle is 1,800 miles thick. The outer core is 1,400 miles thick. Which layer is thicker, the mantle or the outer core?

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