



Place Value Through Hundred Thousands

TAKS Objective 1
TEKS 3.1A

Use the table to solve the problems.

Gravity is what causes objects to have weight. Gravity is different on each planet. So the weights of objects are also different. The table at right shows how much the International Space Station would weigh on each planet in our solar system.

How Much Does the International Space Station Weigh on Different Planets?	
Planet	Weight
Mercury	155,299 pounds
Venus	372,637 pounds
Earth	410,846 pounds
Mars	154,889 pounds
Jupiter	971,240 pounds
Saturn	376,335 pounds
Uranus	365,242 pounds
Neptune	462,202 pounds
Pluto	27,526 pounds

- Write the space station's weight on Earth in expanded form and in word form.

- Find the planet on which the space station would weigh the most. How would you write that number of pounds in word form?

- On which planets would the space station weigh less than two hundred thousand pounds?

- On which planets would the space station weigh between one hundred thousand and two hundred thousand pounds?

- Which planet does the weight of the space station have the same digit in the thousands place, the hundreds place, and the ones place?

- On which planets does the weight of the space station have the same digit in the tens place and the hundred thousands place?
