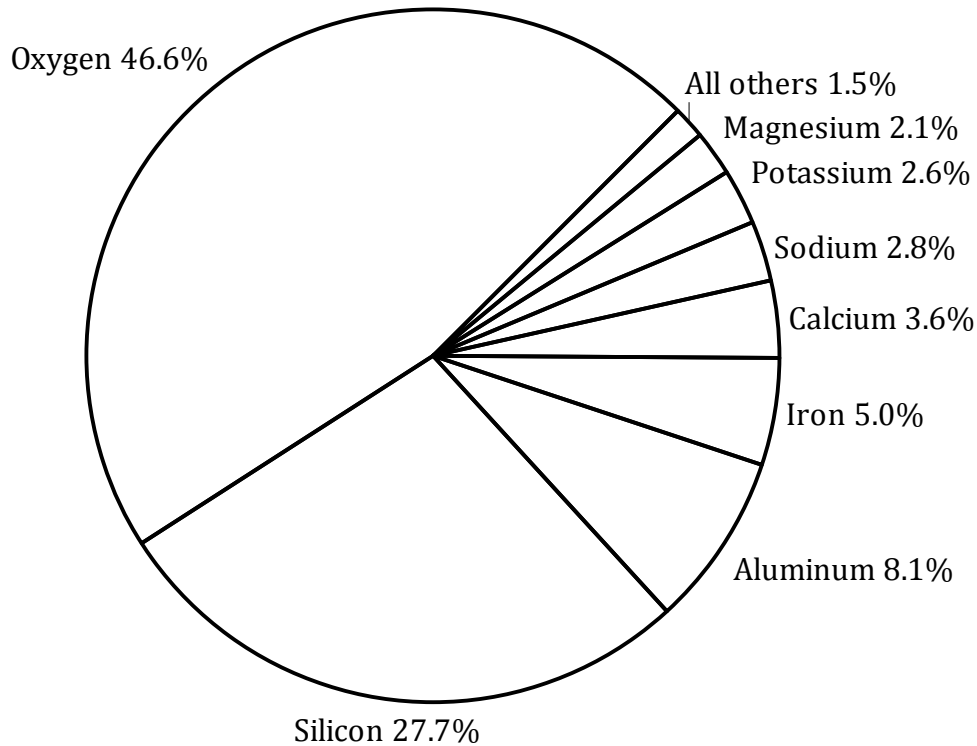


Interpreting Circle Graphs (C)

Answer the questions about the circle graph.

Abundance of Elements in Earth's Crust



Source of data: <http://hyperphysics.phy-astr.gsu.edu/hbase/tables/elabund.html>

What element is the most abundant in the Earth's Crust? second most?

If you had 1000 lbs of the Earth's Crust, about how many pounds of iron would you have?

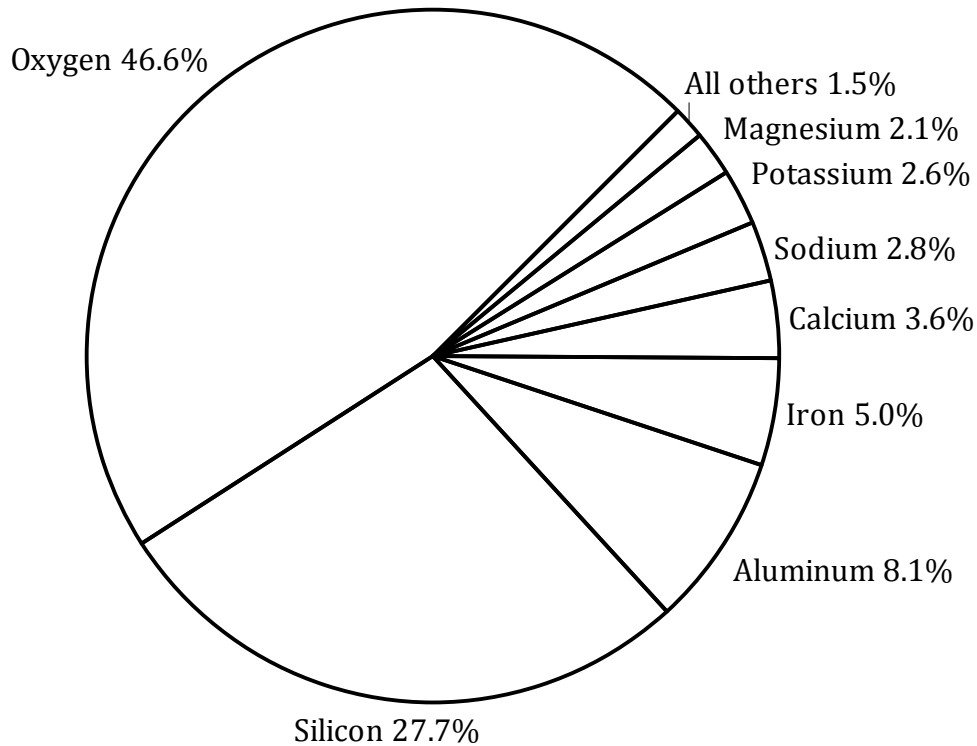
Is there more potassium or sodium in the Earth's Crust?

Most of the elements in the graph make up the rock in Earth's Crust. For example, 60.6% of the Earth's Crust is Quartz (SiO_2) made up of Silicon and Oxygen. What other rock can you find in the Earth's Crust?

Interpreting Circle Graphs (C) Answers

Answer the questions about the circle graph.

Abundance of Elements in Earth's Crust



Source of data: <http://hyperphysics.phy-astr.gsu.edu/hbase/tables/elabund.html>

What element is the most abundant in the Earth's Crust? second most?

Oxygen and Silicon

If you had 1000 lbs of the Earth's Crust, about how many pounds of iron would you have?

$1000 \times 0.050 = 50$ pounds

Is there more potassium or sodium in the Earth's Crust?

More sodium

Most of the elements in the graph make up the rock in Earth's Crust. For example, 60.6% of the Earth's Crust is Quartz (SiO_2) made up of Silicon and Oxygen. What other rock can you find in the Earth's Crust?

Various answers. Some students may know igneous, sedimentary, metamorphic or more specific types of rocks.