**TABLE COPY ROOM 817 WIELAND**

Chapter 5 Student Interaction Sheets

Section 5.1 – Stress on Earth’s Crust

Book page 84

Look on page 84 to find the three types of stress that occur on Earth’s crust.

1. The first one is called **compression. Compression** occurs when crustal rocks are squeezed together. Compression often reduces the volume of rocks.

(Teacher question – who can answer: If the rock’s volume decreased, then what characteristic about the rock increased?)

Try sketching compression in the box below:

1. The second stress is called **tension. Tension** is the force that pulls rocks apart. When rocks are pulled apart by tension, they tend to become thinner.

Try sketching tension in the box below:

1. The third stress is called **shearing. Shearing** pushes rocks in opposite horizontal directions. Sheared rocks bend, twist, or break apart as they slide past each other.

Try sketching shearing in the box below: