

Name:

3.18 Lithosphere and Asthenosphere

## Review

1. Where is the lithosphere? What layers does it include?

2. What is the asthenosphere?

3. How do the [lithosphere](#) and [asthenosphere](#) differ?

4. If the lithosphere is resting on the asthenosphere and you put a lot of **weight** on the lithosphere, say ice in a glacier, how would the lithosphere respond?

### **Explore More**

Use this resource to answer the questions that follow.

1. Where is the crust? What is it made of?

2. How thick is the crust?

3. What layer is next and where is it?

4. What is the mantle made of?

5. Where does lava come from? What is magma?

6. Where is the outer core? What is it made of?

7. What is at the centre of the Earth? Where is it?

8. What is the inner core made of? Is it solid, liquid or gas? Why?

9. How do scientists know what is below the crust?