# Year 12 Science: Geological processes at Franz Josef and the Southern Alps

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

## Practice

1. In the cross-section, which of layers A, B and C is the oldest?

2. Is fault F older or younger than layer C?

3. Put A, B, C, D, E and F in order from oldest to youngest.

4. What rock type is schist, and which process made it at Franz Josef?

5. Why are most boulders in West Coast rivers greywacke, with less schist?

6. Write one sentence linking uplift and erosion in the Southern Alps, as an Excellence answer would.

## Fix the mistake

7. Correct this statement: "Schist is igneous because it formed with heat."

8. Correct this statement: "The Alps are tall because plates push them up, and that is the whole story."

9. Correct this statement: "My report explains how schist forms anywhere in the world."

10. Correct this statement: "The top layer is the oldest because it has been there longest."