

Ch 4 What is a Mineral: Section 1 Guided Reading

Scan Section 1 of your text. Use the checklist below as a guide.

- Read all headings and bold words.
- Read all tables and graphs.
- Look at all the pictures and read their captions.
- Think about what you already know about minerals.

Write **Two** thing you would like to learn about minerals.

1. _____

2. _____

Use your text to define the following terms

3. Element _____

4. Mineral _____

5. Crystal _____

6. Luster _____

7. Hardness _____

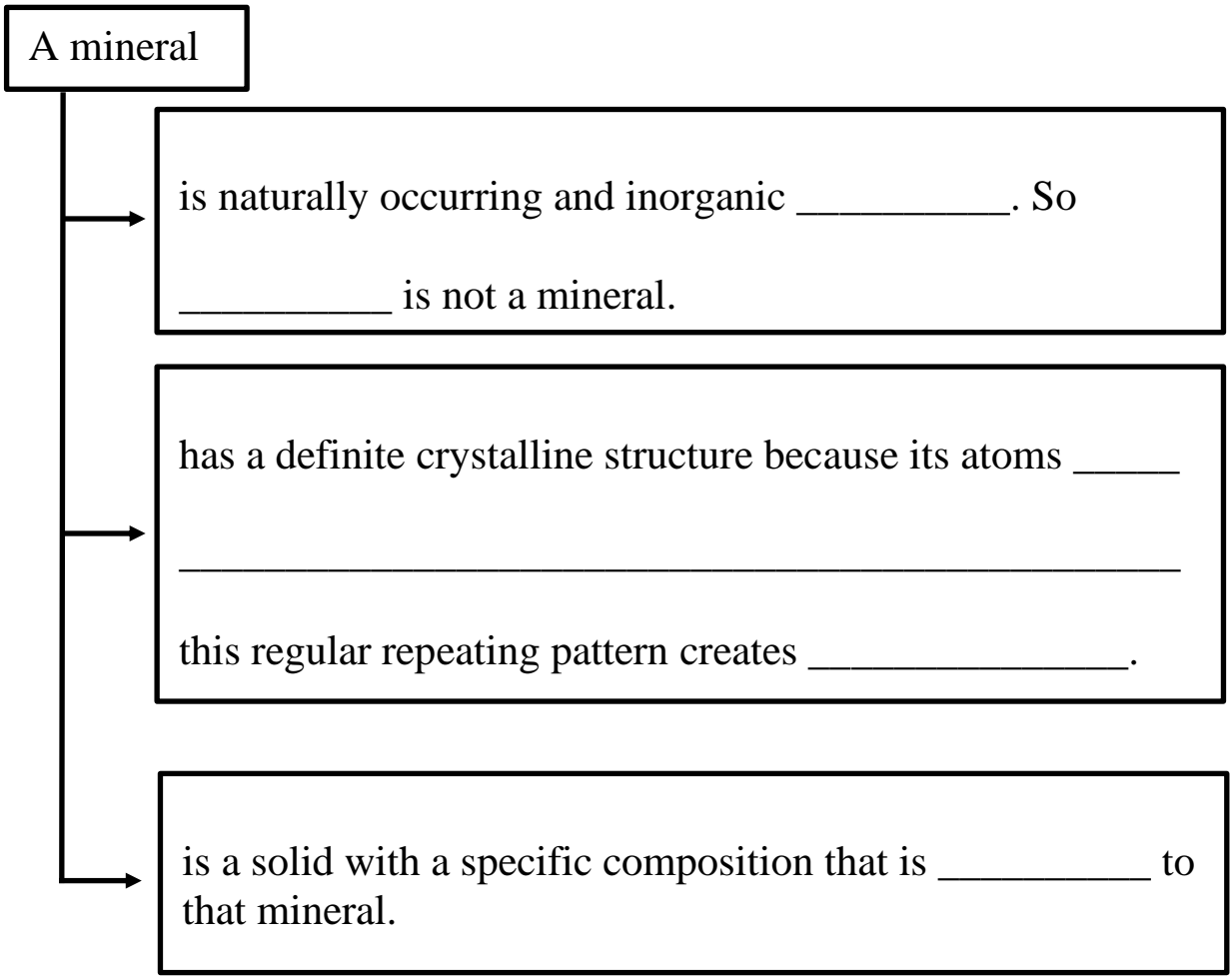
8. Cleavage _____

9. Fracture _____

10. Streak _____

11. Specific gravity _____

Define minerals by completing the chart below.



Describe two ways in which minerals can form from a solution.

1. _____

2. _____

Describe how magma forms minerals by completing the flow chart below.

Magma is _____



Magma rises because it _____



As magma rises, it begins to _____
and _____.



If the magma cools and crystallizes inside the Earth, the crystals are _____.

If the magma cools and crystallizes at the Earth's surface, the crystals are _____.