# Rocks and Minerals

Name: _____ Date: _____ Grade: Grade 4

## Part A: Fill in the Blank

*Write the missing word or number on each line.*

1. Granite is commonly used for kitchen countertops because it is very _____ .
2. Limestone is used to make _____ , a key ingredient in concrete.
3. Graphite, a soft mineral, is used in _____ to make the writing core.
4. A mineral that can scratch glass has a hardness greater than _____ on the Mohs scale.
5. Quartz is one of the most _____ minerals found in Earth's crust.
6. The way a mineral breaks along flat surfaces is called _____ .
7. Hematite is an iron ore with a _____ streak even though it looks gray or black.
8. Metamorphic rocks often have bands or _____ of different minerals.
9. Chalk is a soft sedimentary rock made from the shells of tiny sea _____ .

## Part B: Matching

*Match each item on the left to the correct answer on the right.*

1. Match each item to its correct answer.

| | | |
|---|---|---|
| hardness | → _____ | how a mineral breaks along flat planes |
| streak | → _____ | how a mineral resists being scratched |
| luster | → _____ | color of powder left on a tile |
| cleavage | → _____ | how a mineral reflects light |

## Part A: Fill in the Blank

*Write the missing word or number on each line.*

1. Granite is commonly used for kitchen countertops because it is very **hard** .
2. Limestone is used to make **cement** , a key ingredient in concrete.
3. Graphite, a soft mineral, is used in **pencils** to make the writing core.
4. A mineral that can scratch glass has a hardness greater than **5** on the Mohs scale.
5. Quartz is one of the most **common** minerals found in Earth's crust.
6. The way a mineral breaks along flat surfaces is called **cleavage** .
7. Hematite is an iron ore with a **red** streak even though it looks gray or black.
8. Metamorphic rocks often have bands or **layers** of different minerals.
9. Chalk is a soft sedimentary rock made from the shells of tiny sea **creatures** .

## Part B: Matching

*Match each item on the left to the correct answer on the right.*

1. Match each item to its correct answer.

| | | |
|---|---|---|
| hardness | → **how a mineral resists being scratched** | how a mineral breaks along flat planes |
| streak | → **color of powder left on a tile** | how a mineral resists being scratched |
| luster | → **how a mineral reflects light** | color of powder left on a tile |
| cleavage | → **how a mineral breaks along flat planes** | how a mineral reflects light |