

Check Your Understanding: Sedimentary Rocks

Name: _____

Correctly match the terms in column 1 with the phrases in column 2 by drawing connecting lines. You may not consult your manual, but may discuss the answers with your group.

Column 1

Column 2

- | | |
|--------------|---------------------------------------|
| chert | Can be deposited out of wind or waves |
| conglomerate | Made of calcite, fizzes |
| limestone | Forms in areas of quiet, calm water |
| sandstone | High energy detrital sedimentary rock |
| shale | Contains quartz, scratches glass |

Check Your Understanding: Metamorphic Rocks

Name: _____

You are a 5th grader on a field trip to see some metamorphic rocks. You come to an outcrop (a place where rock sticks out of the ground) and everyone takes their rock hammers to the outcrop. Maria finds a beautiful quartzite and José a glittering mica schist. A friendly argument then begins about what these rocks mean, and how much each of them have to tell. Your teacher decides to have you fill out a graphic organizer to help organize the stories that these rocks have to tell.

| | Parent Rock | Where the parent rock formed | Temperature of metamorphism low, medium, high? | Anything else that this rock may have to say about the metamorphism |
|-----------|-------------|------------------------------|---|---|
| Quartzite | | | | |
| Schist | | | | |

Based on the information in your graphic organizer, which rock has more to tell you about the geologic history of the outcrop: **Maria's quartzite** or **José's schist** (*circle one*)? Explain your reasoning: