

EARTH SCIENCE  
BLOCK \_\_\_\_\_

NAME \_\_\_\_\_

DATE: / /

LAB: METAMORPHIC ROCKS

| Sample and Name | Texture | Grain Size | Composition | Other Observations |
|-----------------|---------|------------|-------------|--------------------|
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**Questions:**

Can metamorphic rocks form on the Earth's surface? Explain your answer.

In what areas of the Earth is contact metamorphism likely to occur?

Where might regional metamorphism take place?

What happens when dilute HCl is dropped on marble? Why?

Which would be more useful in identifying quartzite, a bottle of HCl or a piece of glass? Explain your answer.

Why do so many metamorphic rocks have a foliated texture?