



# ROCKS

Name the 3 types of rocks on Earth

1. ....
2. ....
3. ....

What are the 3 types of weathering?

1. ....
2. ....
3. ....

Can you label the rocks below with their type of rock?








Name a rock that is affected by acid rain?

.....

Label the right rocks to their hardness based on Moh's scale of hardness?

Draw a line from each.

Diamond

Talc

Calcite

Quartz

Mineral	Mohs relative Hardness	Scratch Test
Talc	1	scrapeable with fingernail
Gypsum	2	scracheable with fingern.
Calcite	3	scr. with copper coin
Fluorite	4	easily scr. with knife
Apatite	5	still scr. with knife
Orthoclase	6	scr. with steel file
Quartz	7	scratches window glass
Topaz	8	scratches quartz
Corundum	9	scratches topaz
Diamond	10	scratches corundum

Which is the hardest rock on Earth?

.....

What will scratch the hardest rock?

.....



# ROCKS

Name the 3 types of rocks on Earth

1. Igneous
2. Sedimentary
3. Metamorphic

What are the 3 types of weathering?

1. Physical
2. Biological
3. Chemical

Can you label the rocks below with their type of rock?



**Sandstone**

Sedimentary



**Granite**

Igneous



**Marble**

Metamorphic

Name a rock that is affected by acid rain?

Limestone

Label the right rocks to their hardness based on Moh's scale of hardness?

Draw a line from each.

Diamond 10

Talc 1

Calcite 3

Quartz 7

Mineral	Mohs relative Hardness	Scratch Test
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Which is the hardest rock on Earth?

Diamond

What will scratch the hardest rock?

Another diamond