**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

No. \_\_\_\_\_\_\_\_\_

Earth Materials

*Investigation 1*

Read pages 1-7, then answer the questions.

**CIRCLE the best answer.**

What is Aunt Rita’s job?

1. Ecologist
2. Biologist
3. Psychologist
4. Geologist

What does the US Geological Survey publish?

1. Children’s books.
2. Maps and information that tell people where rocks, minerals, and resources are found.
3. Magazines about logical surveys.
4. Nothing, they are mapmakers, not publishers.

Why does Aunt Rita study rocks?

1. She didn’t do well at studying books in school.
2. Because the rocks don’t talk when she’s talking.
3. To learn the histories of the rocks.
4. For something to do in her spare time.

Choice Strategy

**FILL IN THE BLANK**

Identify the seven things Aunt Rita does to figure out when she picks up a rock.

WORD BANK:

l

|  |
| --- |
| landslideformedrockfrommovedmadestream |

1. What it’s \_\_\_\_\_\_\_\_ of

2. How and when it was \_\_\_\_\_\_\_\_\_\_

3. What has happened to the \_\_\_\_\_\_\_\_

4. Where did it come \_\_\_\_\_\_\_\_

5. Has it \_\_\_\_\_\_\_\_\_\_ around

6. Was it carried by a glacier or \_\_\_\_\_\_\_\_\_\_\_\_

7. Did it travel in a \_\_\_\_\_\_\_\_\_\_\_\_.

**CIRCLE the best answer.**

How did Aunt Rita know where they were standing was once water?

1. There were dead fish.
2. There were bubbles coming out of the dirt.
3. There was sedimentary rock.
4. The rocks were wet.

What were they really counting when they saw different layers where water had worn a channel into the rock?

1. How deep the water had been.
2. How many times the lava had flowed from a volcano.
3. How many different types of water there were.
4. How heavy the water was.

Choice Strategy

What was the sample of lava rock?

1. Salt
2. Pepper
3. Mayonnaise
4. Basalt

What were the darker spots in the sedimentary rock?

1. Fossils
2. Tar
3. Dirt particles
4. Coal

What state is Devils Tower located?

1. Arizona
2. Wyoming
3. Detroit
4. Delaware

What do the Northern Plains tribes call Devils Tower?

1. Very high
2. Bears Lodge
3. Yogi’s Place
4. El Aztaco

What is the Devil’s Tower really?

1. The core of a volcano.
2. The erosion of lots of dirt.
3. A big ant hill.
4. A mountain.

How many pounds of rocks did astronauts collect?

1. A lot
2. 350
3. 800
4. 4

Where do you have to travel to see moon rocks?

1. The moon
2. The end of the world
3. California
4. Washington D.C.

What country is Sugar Loaf located?

1. Italy
2. Canada
3. Cuba
4. Brazil

Choice Strategy

What type of Mountain is Sugarloaf?

1. Footballium
2. Granite
3. Hocketorium
4. Salt

What national park can you find Half Dome?

1. Glacier National Park
2. Banff National Park
3. Jellystone National Park
4. Yosemite National Park

Half Dome is magma that cooled beneath the Earth’s surface.

1. True
2. False

How does magma reach the Earth’s surface?

1. By elevator
2. Through a volcano
3. By an escalator
4. It cannot reach the Earth’s surface

What did pioneers crossing the country see the rock Ship Wreck as?

1. A big forest
2. A ship sailing
3. A challenge to get around
4. The end of the earth

What country is Ayers Rock located?

1. United States
2. Austria
3. Australia
4. Guatemala

What is a single large piece of rock called?

1. Pebble
2. Stone
3. Monolith
4. Monorock

What color is Ayers Rock?

1. Red
2. Blue
3. Brown
4. White

Choice Strategy

What is Ayers Rock made of?

1. Sandstone
2. Limestone
3. Ironstone
4. Orrstone

Choice Strategy

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

No. \_\_\_\_\_\_\_\_\_

Earth Materials

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2. Because the rocks don’t talk when she’s talking.
3. To learn the histories of the rocks.
4. For something to do in her spare time.

**LIST the answer.**

List the seven things Aunt Rita does to figure out when she picks up a rock.

1. What it’s \_\_\_\_\_\_\_\_ of

2. How and when it was \_\_\_\_\_\_\_\_\_\_

3. What has happened to the \_\_\_\_\_\_\_\_

4. Where did it come \_\_\_\_\_\_\_\_

5. Has it \_\_\_\_\_\_\_\_\_\_ around

Closed Strategy

6. Was it carried by a glacier or \_\_\_\_\_\_\_\_\_\_\_\_

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**CIRCLE the best answer.**

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1. True
2. False

Closed Strategy

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

No. \_\_\_\_\_\_\_\_\_

Earth Materials

*Investigation 1*

Read pages 1-7, then answer the questions.

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**LIST the answer.**

List the seven things Aunt Rita does to figure out when she picks up a rock.

1.

2.

3.

4.

5.

Visual Organization Strategy

6.

7.

**CIRCLE the best answer.**

How did Aunt Rita know where they were standing was once water?

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Visual Organization Strategy

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1. A big forest
2. A ship sailing
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4. The end of the earth

Visual Organization Strategy

What country is Ayers Rock located?

1. United States
2. Austria
3. Australia
4. Guatemala

**WRITE the answer to the question on the line.**

What is a single large piece of rock called? \_\_\_\_\_\_\_\_\_\_\_

What color is Ayers Rock? \_\_\_\_\_\_\_\_\_\_\_

**CIRCLE the answer.**

What is Ayers Rock made of?

1. Sandstone
2. Limestone
3. Ironstone
4. Orrstone

Visual Organization Strategy

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

No. \_\_\_\_\_\_\_\_\_

Earth Materials

*Investigation 1*

Read pages 1-7, then answer the questions.

**CIRCLE the best answer.**

Is Aunt Rita’s job an Ecologist?

|  |
| --- |
| **Yes** |
| **No** |

Does the US Geological Survey publish magazines about logical surveys?

|  |
| --- |
| **Yes** |
| **No** |

Does Aunt Rita study rocks to learn the histories of the rocks?

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

**Are the following correct?**

Identify the seven things Aunt Rita does to figure out when she picks up a rock.

1. What it’s made of

|  |
| --- |
| **Yes** |
| **No** |

2. How and when it was dissolved

|  |
| --- |
| **Yes** |
| **No** |

3. What has happened to the rock

|  |
| --- |
| **Yes** |
| **No** |

4. Where did it come from

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

5. Has it moved around

|  |
| --- |
| **Yes** |
| **No** |

6. Was it carried by a tornado

|  |
| --- |
| **Yes** |
| **No** |

7. Did it travel in a stream

|  |
| --- |
| **Yes** |
| **No** |

**CIRCLE the best answer.**

Did Aunt Rita know where they were standing was once water because the rocks were wet?

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

Were they counting how many times the lava had flowed from a volcano?

|  |
| --- |
| **Yes** |
| **No** |

Was the sample of lava rock basalt?

|  |
| --- |
| **Yes** |
| **No** |

Were the darker spots on the sedimentary rock dirt particles?

|  |
| --- |
| **Yes** |
| **No** |

Is Devils Tower located in Wyoming?

|  |
| --- |
| **Yes** |
| **No** |

Do the Northern Plains tribes call Devils Tower Bears Lodge?

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

Is the Devil’s Tower is really a mountain?

|  |
| --- |
| **Yes** |
| **No** |

Did the astronauts collect 800 pounds of rocks?

|  |
| --- |
| **Yes** |
| **No** |

Can you travel to Washington D.C. to see moon rocks?

|  |
| --- |
| **Yes** |
| **No** |

Is Sugar Loaf located in Italy?

|  |
| --- |
| **Yes** |
| **No** |

Is Sugarloaf a granite mountain?

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

Can you find Half Dome in the Yosemite National Park?

|  |
| --- |
| **Yes** |
| **No** |

Is Half Dome is magma that cooled beneath the Earth’s surface?

|  |
| --- |
| **Yes** |
| **No** |

Does magma reach the Earth’s surface through a volcano?

|  |
| --- |
| **Yes** |
| **No** |

Did the pioneers crossing the country see the rock Ship Wreck as a big forest?

|  |
| --- |
| **Yes** |
| **No** |

Is Ayers Rock located in the United States?

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

Is a single piece of rock called a monolith?

|  |
| --- |
| **Yes** |
| **No** |

Is Ayers Rock the color green?

|  |
| --- |
| **Yes** |
| **No** |

Is Ayers Rock made of sandstone?

|  |
| --- |
| **Yes** |
| **No** |

Yes/No Strategy

Answer key: 



