

Name: _____

Date: _____

1. Circle **True** or **False**:

- | | | |
|---|---|---|
| a) Rocks are composed of one material. | T | F |
| b) Minerals are composed of one material. | T | F |
| c) Sedimentary rocks can contain fossils. | T | F |
| d) Igneous rocks can contain fossils. | T | F |
| e) Fossils are only formed from animal remains. | T | F |
| f) Some rocks or minerals are magnetic. | T | F |
| g) Rocks can be sorted by texture. | T | F |
| h) Lustre refers to the weight of a rock. | T | F |
| i) An aluminum can can be recycled over and over. | T | F |
| j) Wind causes more erosion than water. | T | F |

2. Identify the **type** of rock that is being described.

- a) These rocks have flat layers and pieces that are about the same size:

- b) These rocks have alternating dark and light bands:

- c) These rocks have no layers and have a variety of textures:

3. Explain how each of the three types of rocks are formed.

4. If rock "A" is a 7 on the Mohs Hardness scale and rock "B" is a 3 on the Mohs hardness scale, what does that mean when you compare the two rocks?

5. What is soil erosion?

6. Name the three types of erosion:

7. Why is erosion greatly reduced in areas covered by grasses, shrubs, and trees?

8. What do people do that changes the surface of the land?

9. Complete the sentences:

a) When people remove **rocks** from the earth it is called

b) When people remove **minerals** from the ground it is called

F	L	Z	H	T	D	J	S	F	U	L	U	S	T	R	E	T
D	M	I	N	I	N	G	F	C	R	Q	M	C	B	H	T	X
L	K	T	Z	O	V	S	D	M	G	H	P	G	Z	W	Q	S
I	W	O	Z	Q	K	B	C	I	B	C	M	Q	T	Z	O	V
M	Y	X	A	L	U	M	I	N	U	M	I	C	R	A	X	E
E	R	M	E	H	S	A	P	E	U	N	O	S	A	Q	S	L
S	A	R	J	Y	O	G	Q	R	F	I	S	C	U	H	Y	B
T	T	Q	E	E	S	M	W	A	I	N	Q	L	Q	A	D	R
O	N	Z	R	X	P	A	F	L	C	O	L	O	U	R	X	A
N	E	A	O	S	T	E	X	T	U	R	E	F	A	D	Q	M
E	M	D	S	E	X	X	Z	T	F	A	O	V	R	N	N	T
F	I	J	I	G	N	E	O	U	S	U	X	O	R	E	B	S
M	D	J	O	R	G	U	K	Y	I	B	S	B	Y	S	E	H
B	E	Y	N	T	O	R	C	O	Z	I	S	E	I	S	X	A
K	S	A	N	D	S	T	O	N	E	Q	L	J	N	X	M	P
N	M	E	T	A	M	O	R	P	H	I	C	U	G	H	G	E
P	N	A	X	Q	F	I	O	S	F	O	S	S	I	L	M	H

Aluminum

Colour

Erosion

Fossil

Hardness

Igneous

Limestone

Lustre

Magma

Marble

Metamorphic

Mineral

Mining

Quarrying

Quartz

Rock

Sandstone

Sedimentary

Shape

Size

Texture