

Beginners Worksheet



SUBJECT: Minerals

FILL IN THE BLANK

Nonmetallic	Quartz	Ore	Mineral	Oxygen
Key Elements	Nature	Coal	Colors	Gems

1. A **Mineral** is a naturally occurring, inorganic solid with a definite structure and composition.
2. Each mineral is a mixture or a combination of certain **Key Elements**.
3. Minerals are found in **Nature** NOT made by people.
4. **Coal** is NOT a mineral because it is made from organic plant remains.
5. Quartz consists of **Oxygen** and silicon.
6. **Gems** are highly prized minerals because they are rare and beautiful.
7. Minerals can have a **Nonmetallic** or metallic luster.
8. **Ore** contains useful substances that can be mined as profit.
9. Rose, Smokey, and Amethyst are all types of **Quartz**.
10. Minerals come in a variety of **Colors**.

WORD SEARCH

Streak	Metals	Metallic	Inorganic	Color
Rocks	Crystal	Pyrite	Quartz	Amethyst
Diamond	Topaz	Gems	Luster	Halite

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

MATCHING

- | | |
|-------------------------|-----------------------------------|
| 1. D Jewelry | 9. K Geode |
| 2. H Crystal | 10. O Erosion |
| 3. C Streak | 11. G Magma |
| 4. F Rock | 12. J Nonsilicate Minerals |
| 5. A Gold | 13. I Inorganic |
| 6. N Diamonds | 14. L Crystalline Solids |
| 7. M Streak Test | 15. E Color |
| 8. B Hardness | |

- Pyrite is often mistaken for this.
- The ability of a mineral to scratch another mineral.
- The color of the powder of a mineral against a white background.
- Cut and polished minerals that can be worn by people.
- First physical feature you notice about a mineral.
- Not a mineral.
- Hot, melted rock material.
- A solid in which the atoms are arranged in repeating patterns.
- Not organic
- Minerals that are not silicates
- Round in shape and filled with crystals.
- Solid substance whose atoms are in a fixed pattern that repeat in 3 dimensions; height, width, depth.
- Rubbing a mineral sample on a piece of unglazed porcelain and noting the color of powder left on the porcelain.
- Used in jewelry and drill bits, they are the hardest mineral.
- Process in which wind and weather wear down rocks.

WORD SCRAMBLE

Gems	Crystal	Inorganic	Streak	Minerals
Heft	Natural	Cleavage	Rocks	Metals

1. onniacrg = **Inorganic**
2. malset = **Metals**
3. cvgleae = **Cleavage**
4. krseat = **Streak**
5. krocs = **Rocks**
6. fteh = **Heft**
7. syalcrt = **Crystal**
8. ralnaut = **Natural**
9. rniemasl = **Minerals**
10. segm = **Gems**