

ROCKS & MINERALS ANTICIPATION GUIDE

Read each statement and decide if it is True or False. Complete the left column before the reading by circling the T for True or the F for False. Complete the right column after inish the reading. Did any of your answers change?

BE	ااد	STATEMENT		TER DING
T	ţ	s rock develops from volcanoes.	T	ţ
T	Г	1,000 minerals in the human body.	T	ţ
T	F (Miner an global together to create rock for lations.	T	ţ
Т	F	10h's Sc measur minerals Weight.	T	Ŀ
Т	F	Streat refers to the powder residue left behind.	T	Ĺ
T	F	Geok saffy rocks by pe.	T	ţ
Т	F	Luster refers to how a min eflect light.	T	ţ
T	F	Obsidian is sometime called volumesh.	T	F
T	F	Fluorite is a compound with 1um an 1orine.	T	Ŀ

DID YOU KNOW?

Some minerals have a color streak than the color of color.

T	₹	W W W		Think Tank Copyright 2020	_
₩	Rocks & Minerals	Name:			11
	Answer the questions below. Then on the coloring page, color each numbered section with the If there is any space left over, color it your choice! Follow the directions proving to cite evig	coloring page, color each numbered se ir choice! Follow the directions prox		esponding color. the reading.	M
M	Questions	Text Evidence) wst	nswer	1410
M	# How many types of minerals are there?	Find proof to the read, and UNDERLINE it in P	4,0,4	60,000 RED	144
	#2 How many main groups of rocks are there?	Fil the reading or CL. in GREF	3 PURPLE STRIPES	6 BLUE STRIPES	1111
	#3 What does limes" hange int	Find prain the reading and Extension in the reading Extension in RED	Sandstone YELLOW	Marble ORANGE	1MM
	#4 Who word indicate mi seaks up?	d proof in the reading and BOX it in YELLOW	Cleavage RED	Streaking ORANGE	141
	there. 10 or 11 s	Find proof in the reading and CIRCLE it in ORANGE	Diamond BLUE	Gold BROWN	141
	#6 W does the word ignis mean in	Find proof in the reading and UNDERLINE it in PURPLE	Rock ORANGE STRIPES	Fire GREEN STRIPES	1MM
	CHANCHAN CHANCE		N CANCO		

ROCKS & MINERALS

What is the difference between rocks and minerals? The short answer is that minerally are one element or a combination of elements. Rocks, however the contribution of minerals. Minerals can grow together to create rock ations.

me elements a compation of elements. There are 4,000 types of minerals, including calcite sum aldspar, pyrite, quartz, gold, and diamond. About 30 kinds of minerals are 4,000 types of minerals, including calcite sum aldspar, pyrite, quartz, gold, and diamond. About 30 kinds of minerals are accompanional and magnesia. The maman because 60 minerals, including iron and copper.

All minutes are solice to each with normal temperatures. They are not created in a po, but the evelop in ture Minerals are inorganic because they do not come and plant animals, or other living matter. Minerals have specific chemical smulas and structure, often with a crystal structure. They are categorized by stall structure and ness (Moh's scale), luster, color, streak, fracture, cleaving, and demonstrated.

Moh's scale of hardness is cates the carry of minerals to scratch each other. Moh's scale labels the case the sast the second and a "10" as the hardest. For instance, to be also also Moh's scale amonds, however, are to because they are the hardest minerals

Luster refers to how a mineral reflector. Some examples are glassy, metallic, brilliant, and dull.

Streak identifies the mineral's cafter rubbing to hard surface.

Streak refers to the powder residue leachind times to treak color is different than the mineral color.

Cleavage indicates how a mineral bre up It of break in bits and pieces or even into thin sheets.

The density of a mineral is measured by a paring it the density of water. Water has a specific gravity of I.

Color can be a vague category because some microscolors.

Minerals can consist of only one element. However, it is a first or minerals to have two or more elements, making it a compound or instance, fluorite is a compound with calcium and fluorine. A diamond, however, is only