

3RD 9 WEEK REVIEW

Index Mineral	Scale	Common Objects
Diamond	10	Steel file (6.5)
Corundum	9	
Topaz	8	
Quartz	7	
Orthoclase	6	
Apatite	5	Glass (5.5) Knife blade (5.1)
Fluorite	4	Wire Nail (4.5) Penney (3.5)
Calcite	3	Fingernail (2.5)
Gypsum	2	
Talc	1	

Which minerals will scratch Quartz?

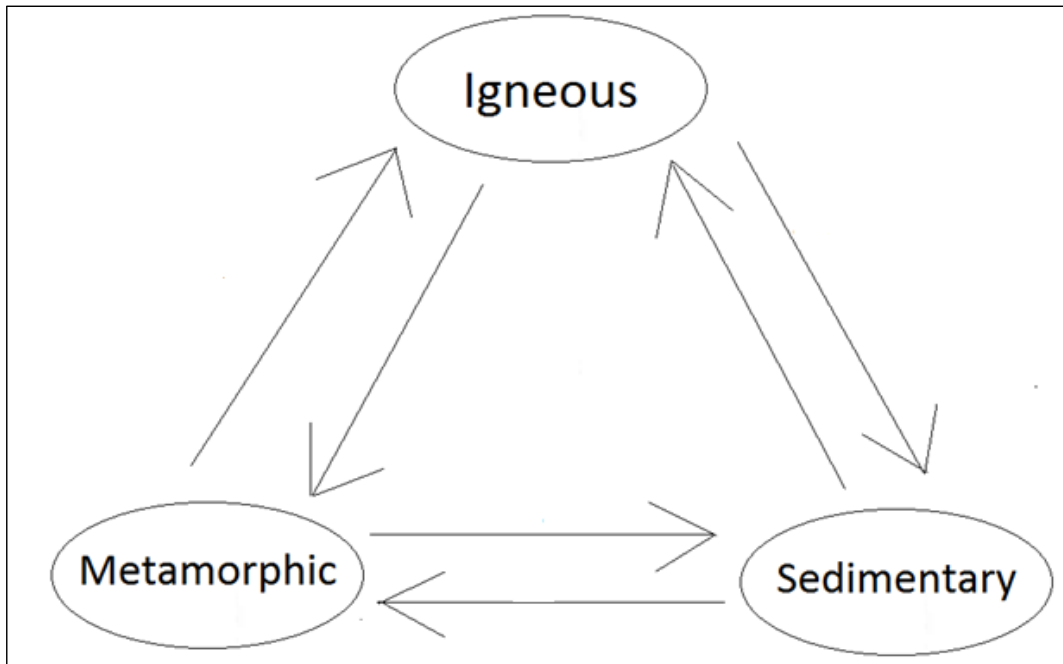
Which minerals will Fluorite be able to scratch?

All rocks are made of _____.

A _____ rock has fossils in it and has layers.

LIST THE TESTS USED TO IDENTIFY A MINERAL.

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LIST HOW EACH TYPE OF ROCK IS FORMED.

IGNEOUS
METAMORPHIC
SEDIMENTARY

LABEL EARTH'S LAYERS

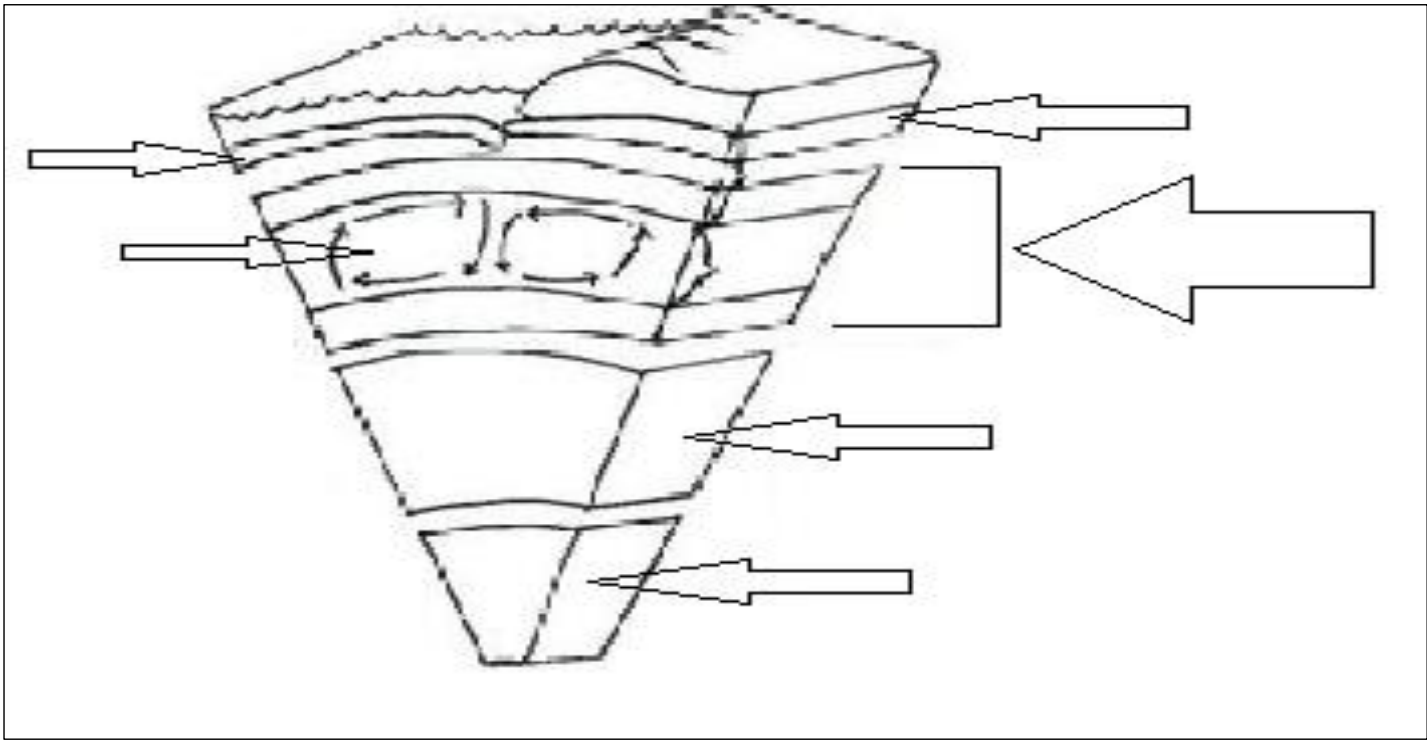
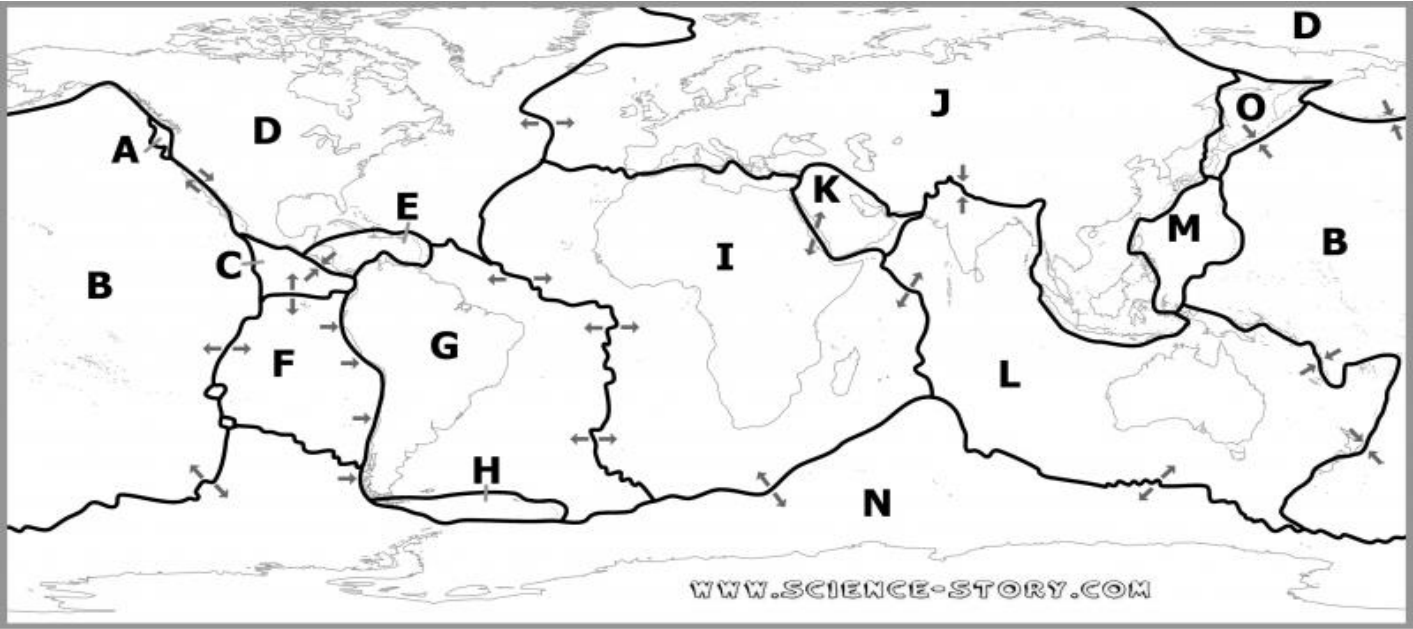


Plate Tectonics

LABEL THE MAJOR PLATES ON THE LITHOSPHERIC MAP



B.	I.	N.
D	J.	
G	L.	

EXPLAIN & ILLUSTRATE THE THEORY OF CONTINENTAL DRIFT

ILLUSTRATE THE FOLLOWING AND TELL WHAT EACH TYPE OF MOVEMENT CREATES:

TRANSFORM	CONVERGENT	DIVERGENT
<i>ILLUSTRATION</i>	<i>ILLUSTRATION</i>	<i>ILLUSTRATION</i>
<i>CREATES</i>	<i>CREATES</i>	<i>CREATES</i>

ENERGY

NAME OUR FOSSIL FUELS:

NAME AND ILLUSTRATE OR DESCRIBE OUR ALTERNATIVE FUELS:

What is the GREENHOUSE EFFECT?

How do humans cause the GREENHOUSE EFFECT?

3RD 9 WEEK REVIEW

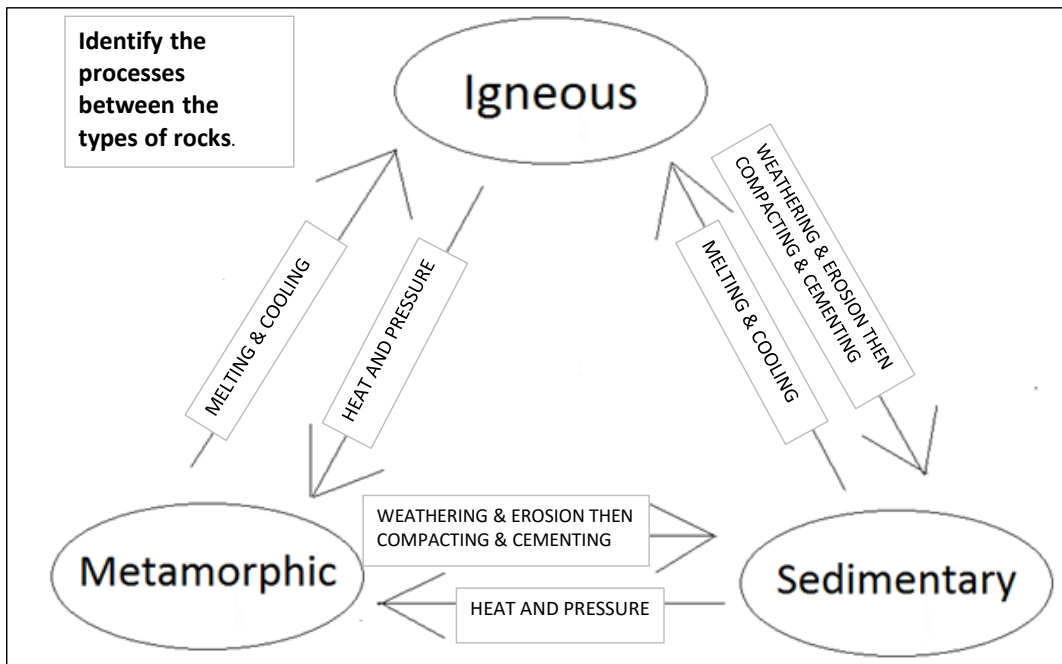
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Which minerals will scratch All rocks are made of minerals.
Quartz? TOPAZ, CORUNDUM, DIAMOND

Which minerals will A sedimentary rock has fossils in it and has layers.
Flourite be able to scratch? Calcite, Gypsum, Talc

LIST THE TESTS USED TO IDENTIFY A MINERAL.

COLOR	LUSTER	STREAK	HARDNESS
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LIST HOW EACH TYPE OF ROCK IS FORMED.

IGNEOUS - MELTING & COOLING

METAMORPHIC - HEAT AND PRESSURE

SEDIMENTARY - WEATHERING & EROSION THEN COMPACTING & CEMENTING

LABEL EARTH'S LAYERS

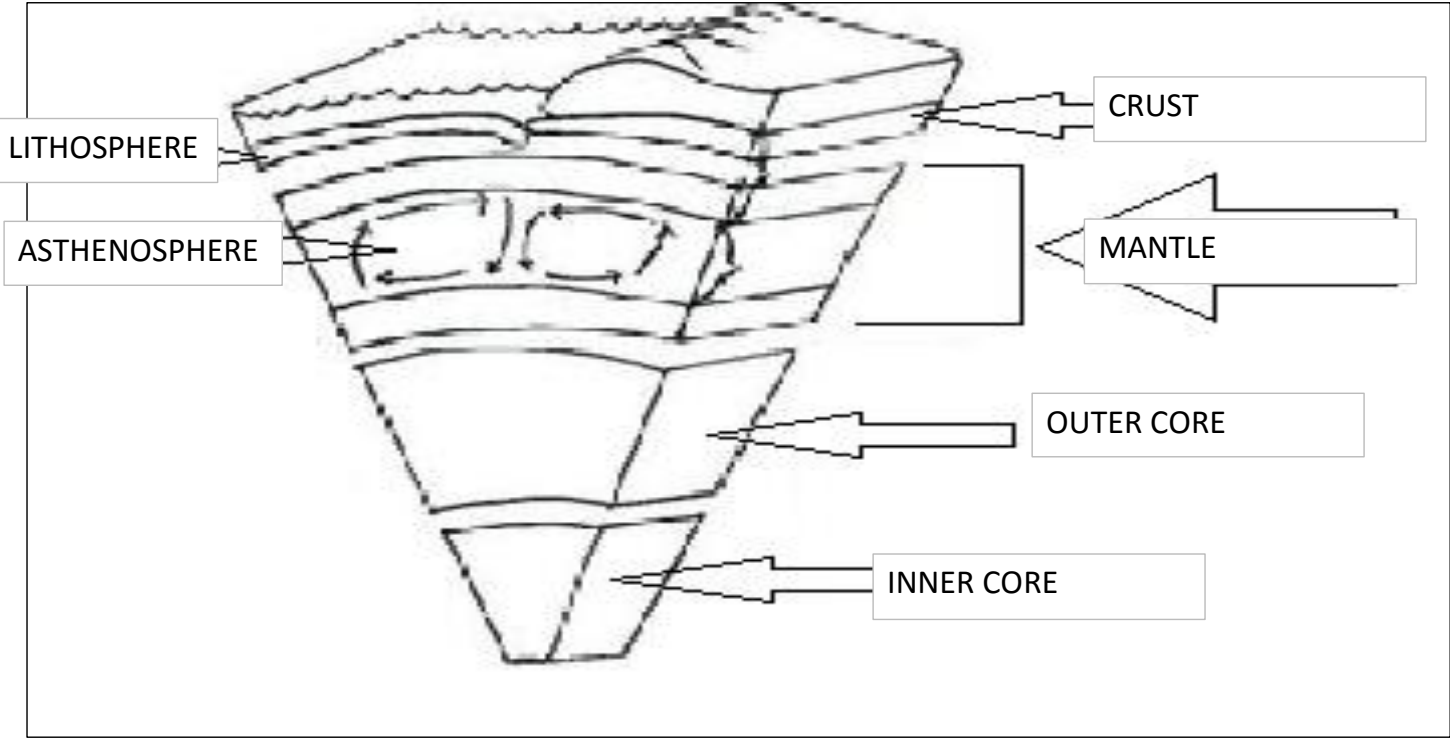
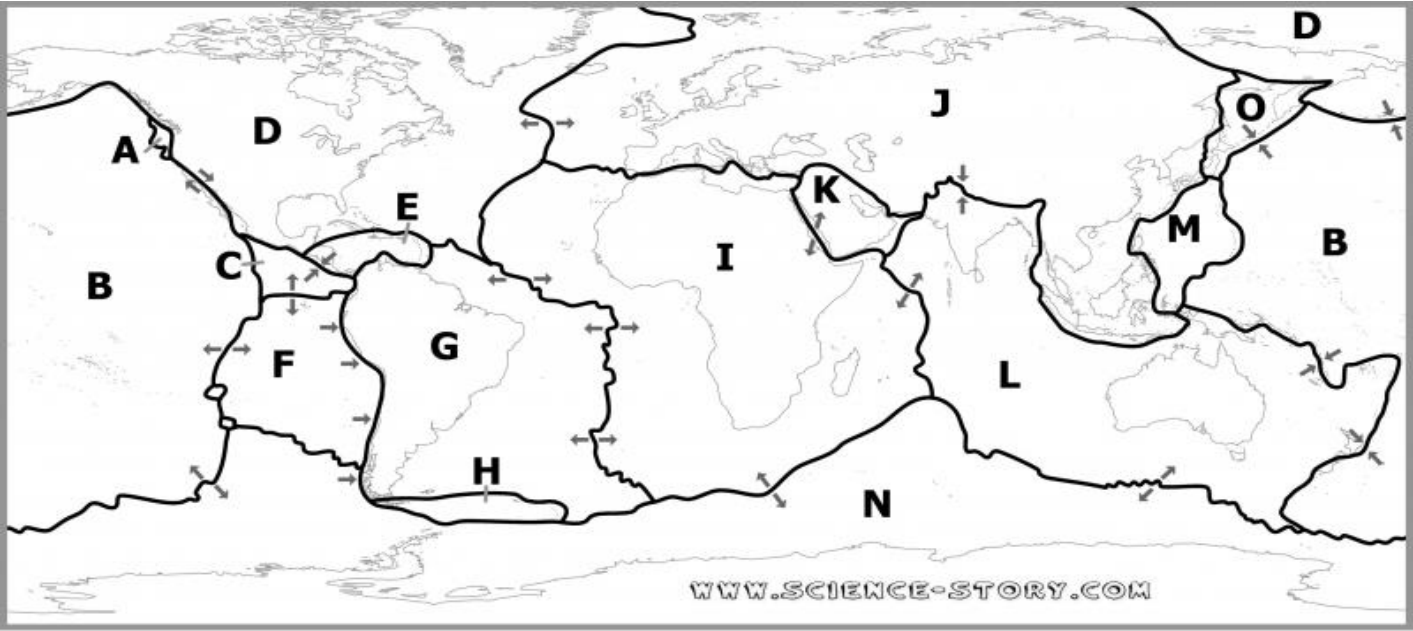


Plate Tectonics

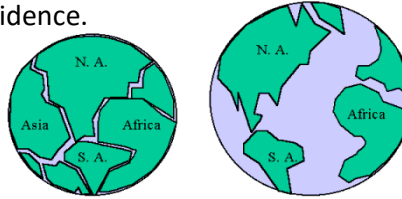
LABEL THE MAJOR PLATES ON THE LITHOSPHERIC MAP



B. PACIFIC	I. AFRICAN	N. ANTARCTICA
D. NORTH AMERICAN	J. EURASIA	
G. SOUTH AMERICA	L. INDIAN AUSTRALIAN	

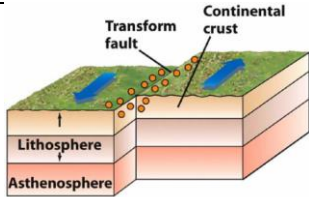
EXPLAIN & ILLUSTRATE THE THEORY OF CONTINENTAL DRIFT

The continents have drifted apart due to the convection currents that move the lithospheric plates. Animal and plant fossils are our evidence.



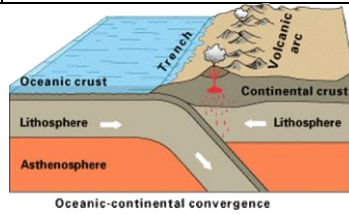
ILLUSTRATE THE FOLLOWING AND TELL WHAT EACH TYPE OF MOVEMENT CREATES:

TRANSFORM



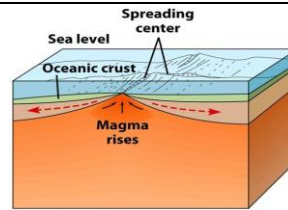
CREATES - EARTHQUAKES

CONVERGENT



CREATES - VOLCANOS & MOUNTAIN RANGES

DIVERGENT



CREATES - NEW CRUST, MID OCEAN RIDGE, OCEAN BASINS

ENERGY

NAME OUR FOSSIL FUELS:

COAL, OIL NATURAL GAS

NAME AND ILLUSTRATE OR DESCRIBE OUR ALTERNATIVE FUELS:

WIND



SOLAR



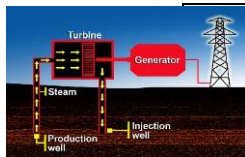
BIOMASS



HYDROELECTRIC

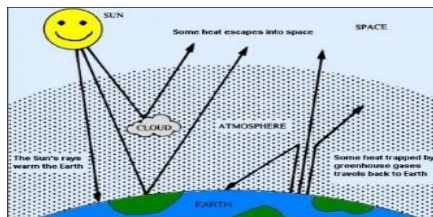


GEO THERMAL



What is the GREENHOUSE EFFECT?

When there are more and more greenhouse gases in the atmosphere, more heat is trapped which makes the Earth warmer.



How do humans cause the GREENHOUSE EFFECT?

aerosols, such as hairspray cans, fridges and in making foam plastics, Burning fossil fuels - coal, oil and natural gas - releases carbon dioxide into the atmosphere. Cutting down and burning trees also produces a lot of carbon dioxide.