

1 - Use the figure below to identify each type of soil.



A



B



C

- Figure (A) is Desert soil OR Sandy soil
- Figure (B) is Grassland soil OR Medium textured soil
- Figure (C) is Forest soil OR Clay soil

2 - Use the figure below to answer the following questions.

A. What is the type of the shown front?

..... Stationary front

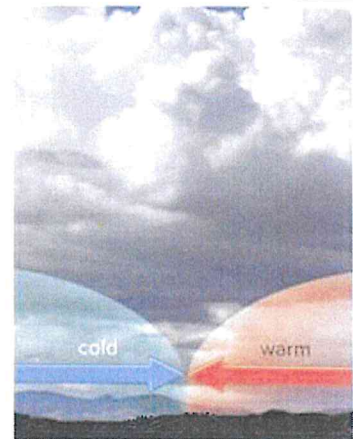
.....

B. What does the blue arrow represent?

..... Direction of cold air

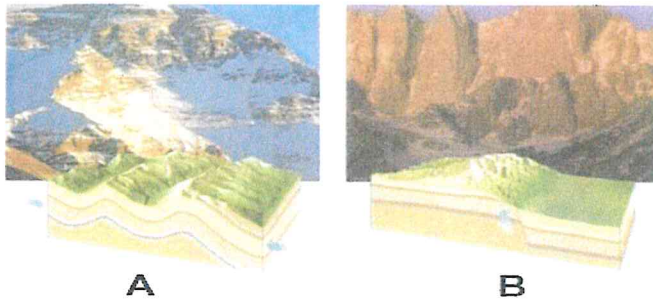
.....

OR
movement of
Cold air



3 – Answer the following questions.

The below figure shows two different types of mountains.



A. Label letters (A) and (B).

- Letter (A) is Fold mountain
- Letter (B) is Fault block mountain

B. Mountains is one of the effects of moving the huge plates of solid rocks that lie beneath the continents and ocean floor. Write one more effect.

Volcano

4 – Use the figure below to answer the following questions.



A



B



C

A. In figure A, when a rushing river runs out a narrow canyon, it slows down and becomes shallower. Sediment is dropped causing

Alluvial Fan

B. In figure B, when water that is carrying sediment enters a large body of water, the sediment is dropped, forming

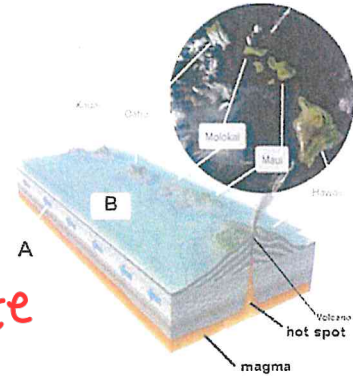
Delta

C. In figure C, the looping curves in the river are called

meanders

5 – Use the figure below to answer the following questions.

The adjacent figure shows five islands and the building of Hawaii island.



A. Label letters (A) and (B).

- Letter (A) is Ocean
- Letter (B) is direction of plate movement

B. If you know that the volcano has not erupted for some time but will erupt in the future. What is the type of this volcano?

Dormant volcano

6– The table below shows the average temperature and average snowfall of three cities in January.

| City | Average Temperature in January | Average Snowfall in January |
|--------|--------------------------------|-----------------------------|
| City A | -15 °C | 45.7 cm |
| City B | -25 °C | 101.6 cm |
| City C | +10 °C | 5 cm |

A. Which city is the warmest in January?

City C

B. List two types of storms.

- Tropical storms → Hurricane
- Winter storms → Blizzards

1 - Use the figure below to answer the following questions.

The adjacent figure shows a type of front.

- What is the type of the front?

Warm front

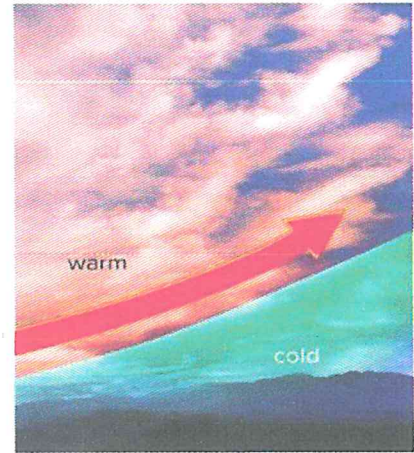
- What does the red arrow represent?

The direction of

warm air

OR

movement of warm air



2 - Use the figure below to answer the following questions.

The adjacent figure shows a feature of the geosphere where a large amount of rocks moved suddenly down the slope.



- What is the name of the geosphere effect shown?

Land slide

- List 3 natural causes of the sudden movement of rocks.

- Earthquake
- Heavy rain
- Volcano eruption

3 – Answer the following questions.

Conservation is the practice of using resources wisely.

The “Three Rs” guide people in how to conserve resources.

A. List the “Three Rs”?

- Reduce
- REUSE
- RECYCLE

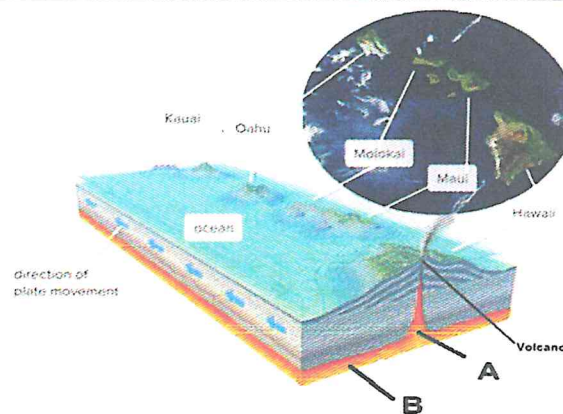
B. How could you conserve the water in the adjacent figure?

Repair the leaking pipe
OR Fix the leaking pipe



4 – Use the figure below to answer the following questions.

The adjacent figure shows five Islands in the Pacific Ocean and the building of Hawaii island.



A. Label letters (A) and (B).

- Letter (A) is Hotspot
- Letter (B) is magma

B. If you know that the volcano has recently erupted, what is the type of this volcano?

Active Volcano

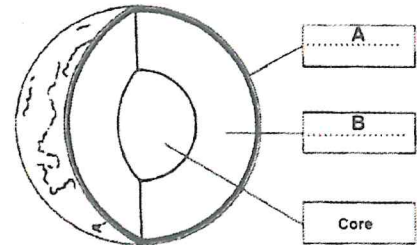
5 – Use the figure below to answer the following questions.

The adjacent figure shows the three layers of earth.

- Fill in the missing parts.

(A)..... Crust

(B)..... Mantle



Three layers of Earth

- The core is the deepest layer of earth. What is the inner core made of?

..... Solid Iron

***** BONUS *****

6– The figure below shows the average temperature and average snowfall of three cities in January

| City | Average Temperature in January | Average Snowfall in January |
|----------------|--------------------------------|-----------------------------|
| Albany, NY | -5°C (23°F) | 45.7 cm (18 inches) |
| Tahoe City, CA | -2°C (29°F) | 101.6 cm (40 inches) |
| Reno, NV | 2°C (36°F) | 15.2 cm (6 inches) |

- Which city is the coldest in January?

..... Albany, NY

- Snow is considered a form of precipitation. List three more forms of precipitation.

- Rain
- Sheet
- Hail