



Year 8

GEOGRAPHY

TIME: 1 h 30 min

Name: _____ Class: _____ Register Number: _____

Answer all questions

1) Write **True** or **False** near each sentence.

a)	The Richter Scale shows the strength of an earthquake from 1 to 100.	
b)	We do not find active volcanoes within the Mediterrean region.	
c)	A volcano is only formed above the ground.	
d)	Stromboli and Santorini are two volcanoes found within the Mediterranean Region.	
e)	Etna erupts frequently so, it is an active volcano.	
f)	A volcanologist is a person who studies volcanoes.	
g)	Scientists who study earthquakes are known as seismologists.	

(7)

2) Figure 1 shows a pyroclastic flow.



Figure 1

a) Underline the correct sentences that describe a pyroclastic flow.

- i) A pyroclastic flow is made up of hot molten rock.
- ii) A pyroclastic flow is a fast moving cloud of hot ashes and rock.
- iii) A pyroclastic flow can go down the sides of a volcano at very high speeds.

(4)

b) Mention **two** possible effects of a pyroclastic flow.

(2)

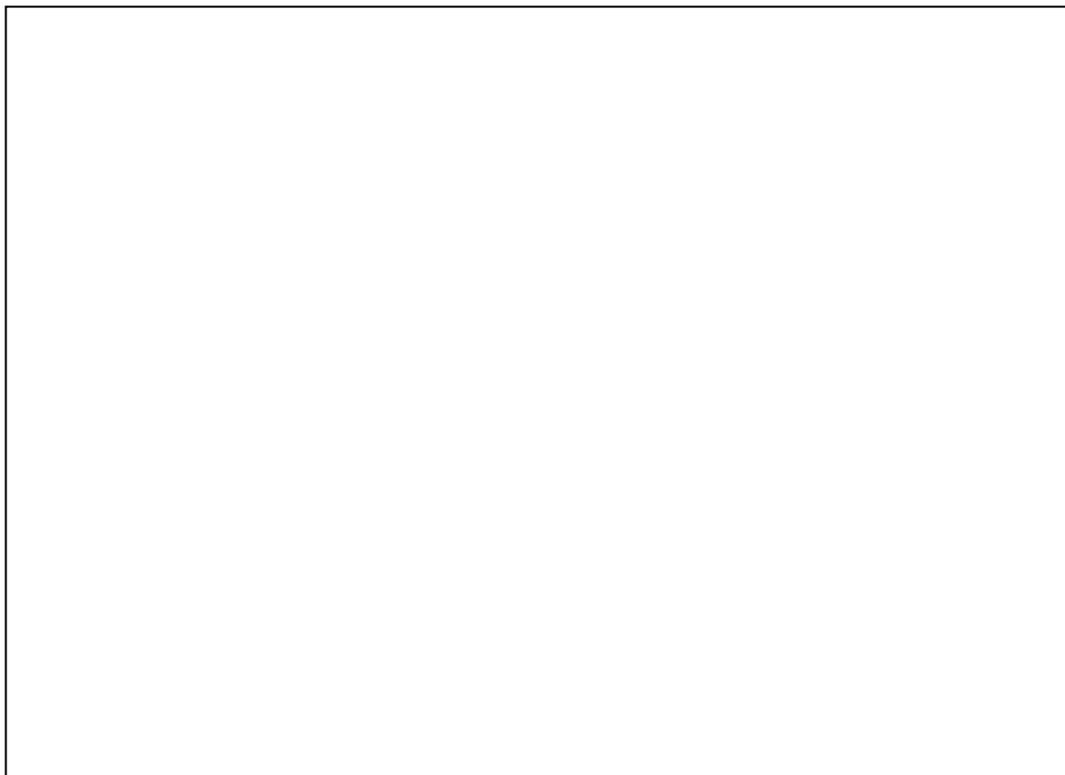
3 a) In the space below draw the earth's internal structure using these terms:

crust

inner core

mantle

outer core



(4)

b) Fill in the blanks using the words found in question 3a above.

i) The _____ is made up of molten rock.

ii) The _____ is the thinnest outer layer of the Earth.

iii) The _____ is the extremely hot centre of the earth.

iv) The _____ is liquid and made up of iron.

(4)

c) What are convection currents?

(2)

4 a) Figure 2 shows the continent which covered the earth about 300 million years ago. Underline the name of this continent.

Antarctica Pangaea Pacific Tethys (2)

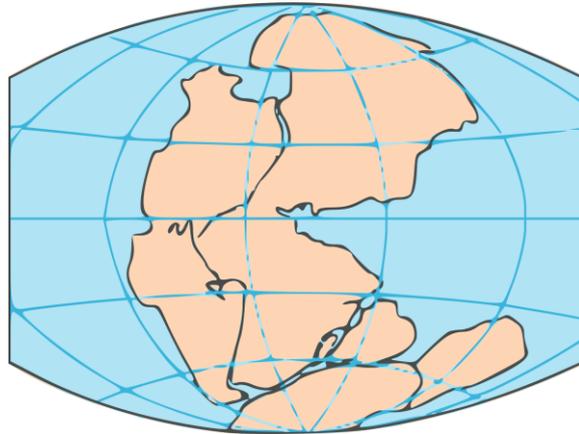


Figure 2

b) Figure 3 shows what happened to this continent about 100 million years ago. With the help of Figure 3 explain what happened to this continent.

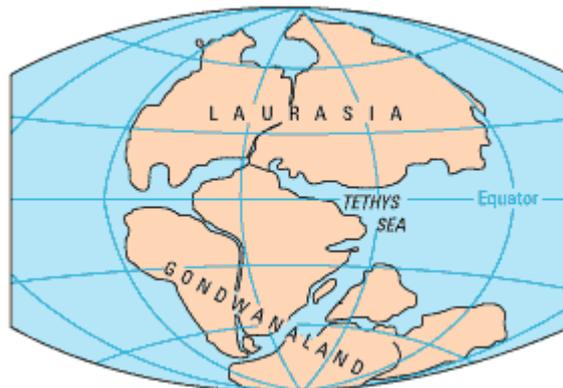


Figure 3

(3)

5) Look carefully at the map in Figure 4 showing mountains and volcanoes in the Mediterranean Sea. In the table, write the correct name of each volcano and mountain next to the letters A to H. Choose from:

Pyrenees

Alps

Stromboli

Santorini

Atlas

Vesuvius

Etna

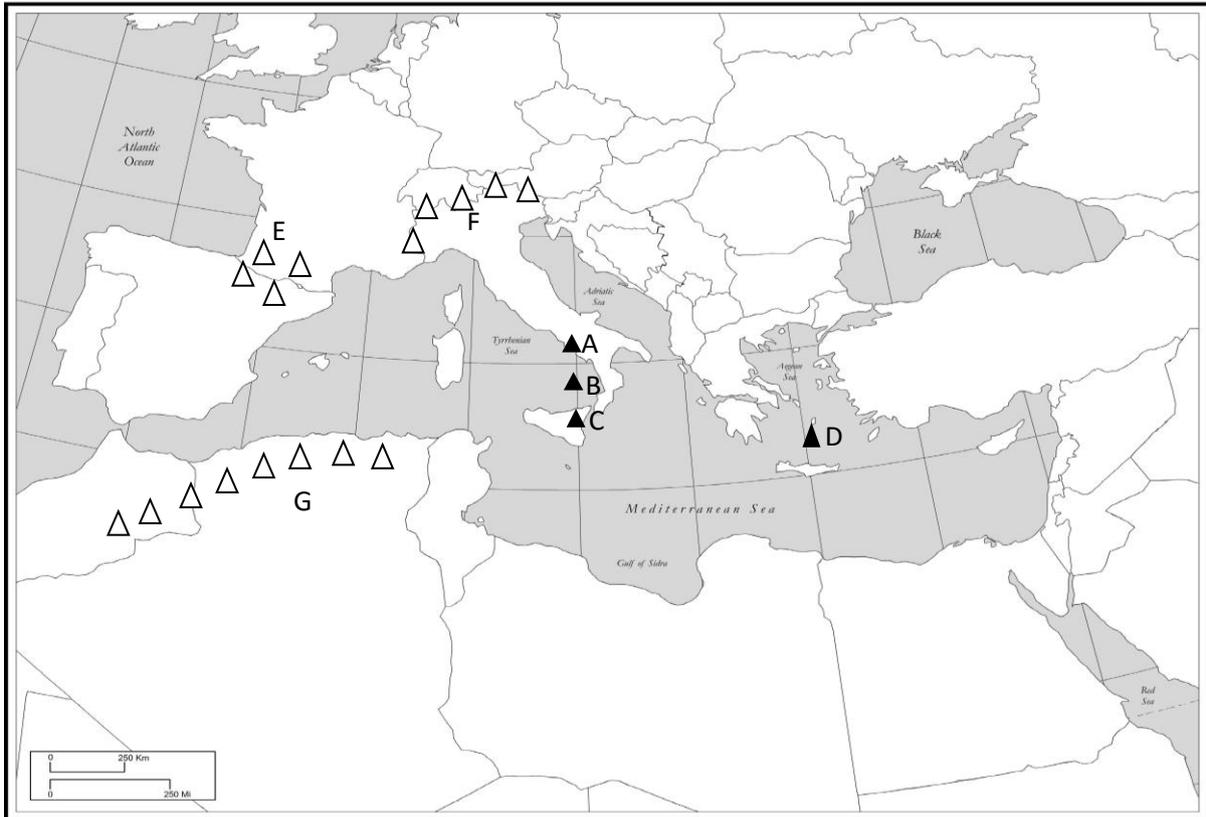


Figure 4

Volcano A	
Volcano B	
Volcano C	
Volcano D	
Mountains E	
Mountains F	
Mountains G	

(7)

6) Figure 5 shows the epicentre of an earthquake that occurred in Italy on the 24th of August 2016. Answer the following questions.



Figure 5

a) Define epicentre.

(2)

b) This earthquake measured 6.2. What is the instrument that measures the strength of an earthquake called?

(1)

c) On Figure 5 above mark with an arrow the seismic wave.

(1)

d) By looking at Figure 5, where was the strength of the earthquake mostly felt?

(2)

e) Explain why did you choose this city.

(2)

f) Following the earthquake there were 60 small earth tremors within 4 hours.

Give another name for **small earth tremors**.

(2)

g) Name two other countries in the Mediterranean, besides Italy, which are frequently hit by earthquakes.

(2)

h) Write down **three** possible effects of an earthquake.

(3)

i) Write what should you do if an earthquake occurs while you are in the classroom.

(3)

7) Figure 6 shows a plate boundary within the Mediterranean Sea.



Figure 6

a) What is a plate boundary?

(3)

b) Use Figure 6 in order to explain why in the Mediterranean Sea a lot of earthquakes occur.

(2)

c) On Figure 6 label the **Eurasian Plate** and the **African Plate**. (4)

d) What is it called a large wave created by an earthquake in the sea?

(1)

8 a) Figure 7 shows a cross section of a volcano. Put these words in the correct place below:

- magma chamber, layers of ashes and lava, lava
ash, cloud and volcanic bombs, main vent, crater

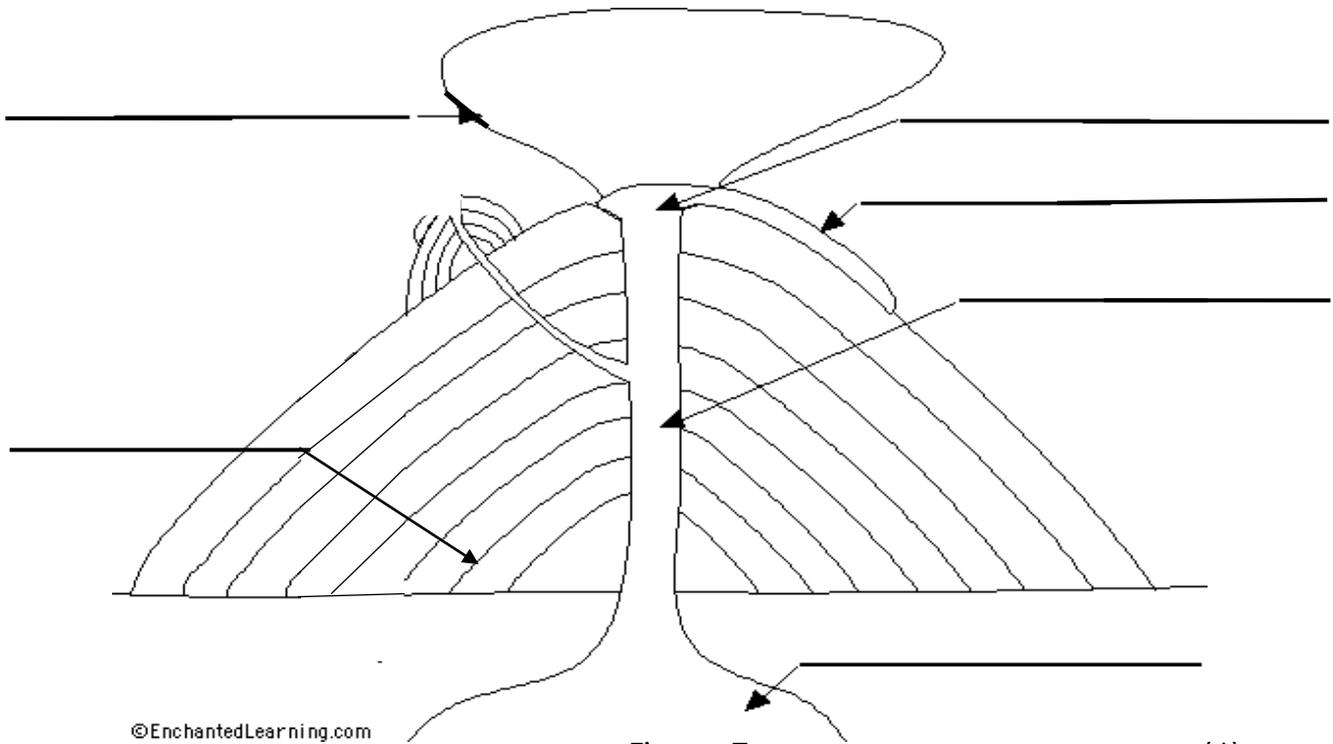


Figure 7

(6)

b) Give the meaning of the following:

i) Magma chamber _____

ii) Crater _____

iii) Main vent _____

(6)

9) Figure 8 shows a volcano.



Figure 8

a) Tick (X) the correct answer:

The volcano seen in Figure 8 is :

An extinct volcano	
An active volcano	
A dormant volcano	

(1)

b) How can you tell?

_____ (2)

c) What is the molten rock below the earth's surface called?

lava	
magma	
crust	

(1)

d) Mention **three** negative effects of a volcano.

(3)

e) Write **three** advantages that people living close to a volcano have.

(3)

f) What is the difference between a dormant volcano and an extinct volcano?

(2)

10 a) Figure 9 shows the water cycle. Label Figure 9 with the following words:

condensation evaporation rainfall rivers (4)

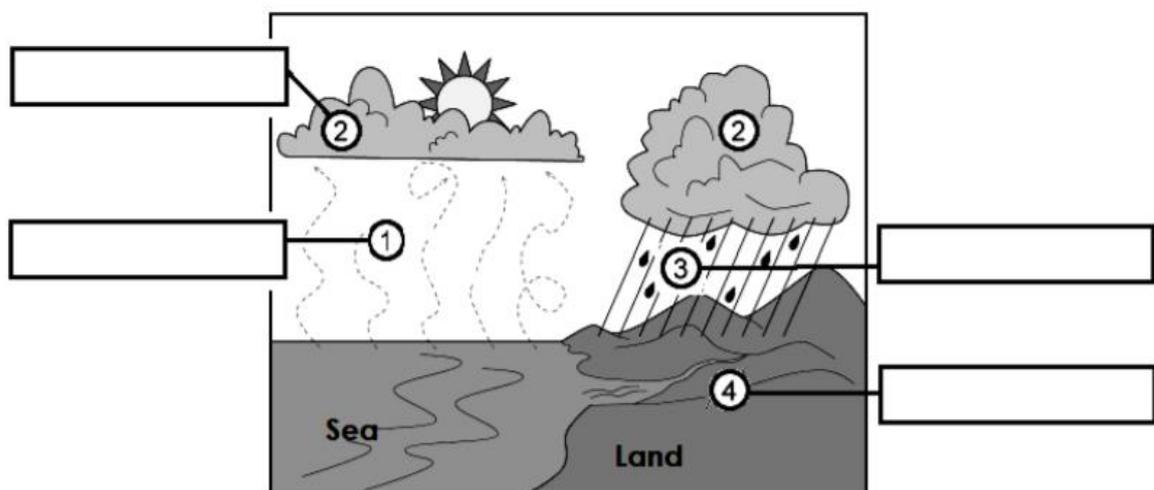


Figure 9

b) The following sentences show the process of evaporation. Write **True** or

False near each sentence .

(5)

1	After half an hour, since her swim, Erica found that her swimming suit was totally dry. This shows evaporation.	
2	It started raining and Jeremy's shirt got all wet. This shows evaporation.	
3	It was so cold that the water of the puddle got frozen. This shows evaporation.	
4	The street was full of puddles. The sun came out and the water in the puddles disappeared. This is showing evaporation.	
5	I hung the clothes in the morning. In the evening they were already dry. This shows evaporation.	

c) Define these words:

1) Condensation _____

2) Rainfall _____

(4)

The End