

Name: _____

Period: _____

Q2 DCFA Review

- 1) What are the three (3) ways a mineral can form?
 - a.
 - b.
 - c.
- 2) Describe each of the following physical properties of minerals.
 - a. Luster:

 - b. Color:

 - c. Hardness:

 - d. Streak:

 - e. Crystal structure:

 - f. Cleavage:

 - g. Fracture:
- 3) Fill in the chart with the correct information.

	Description	How does it form?	Examples
Igneous	Intrusive:	Intrusive:	Intrusive:
	Extrusive:	Extrusive:	Extrusive:
Sedimentary		Detrital:	
		Chemical:	
		Organic:	
Metamorphic			

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4) Label the rock cycle with the following words:

a. Metamorphic

b. Igneous

c. Magma/lava

d. Sedimentary

e. Sediment

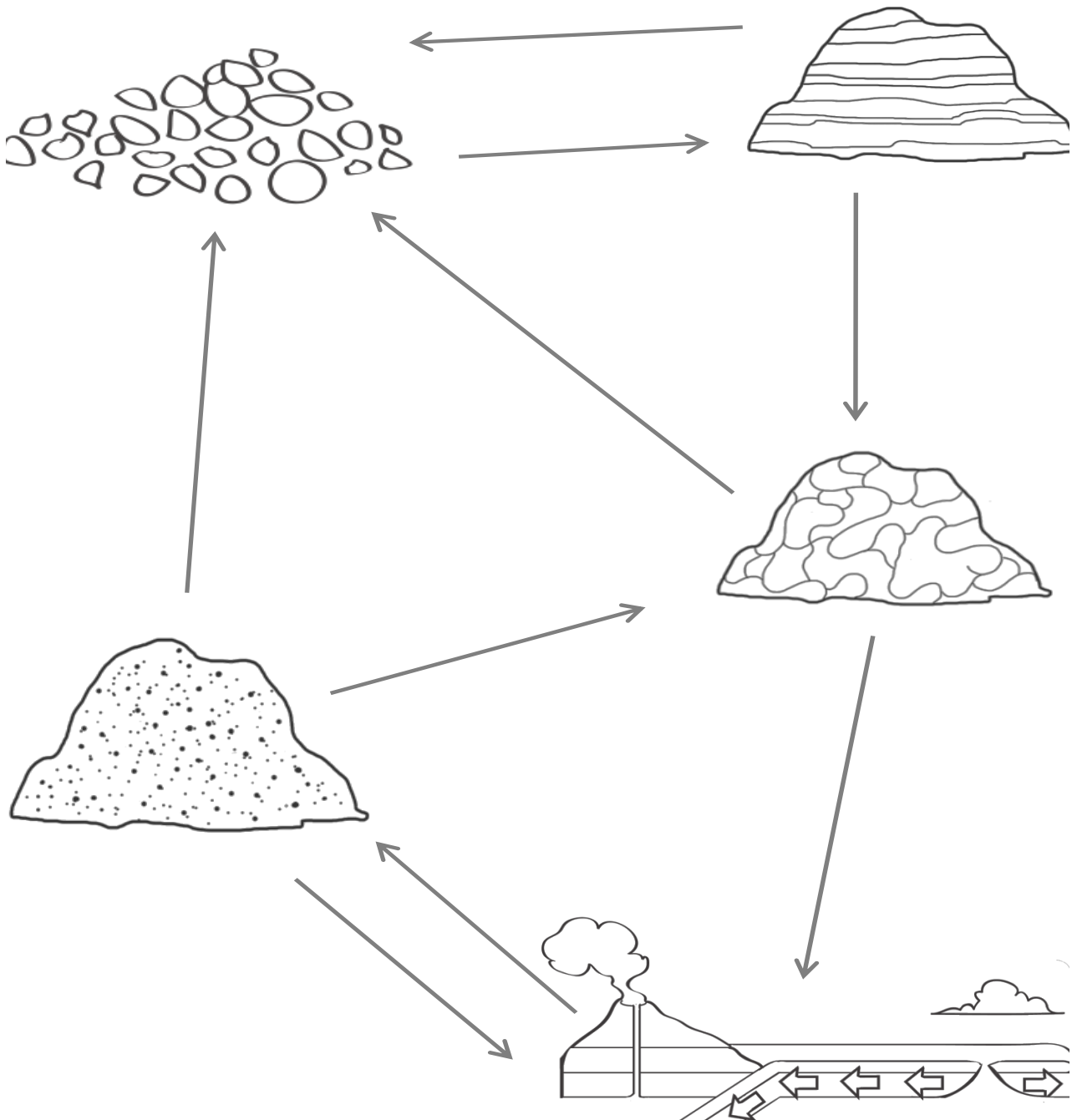
f. Melting

g. Cooling

h. Compaction and cementation

i. Heat and pressure

j. Weathering and erosion



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5) Label each layer and include the following information:

- a. Temperature
- b. Composition
- c. Width

6) Who came up with the theory of continental drift? _____

7) What four pieces of evidence did he give to support his idea?

- a.
- b.
- c.
- d.

8) Why didn't the world believe his idea of continental drift?

9) Who came up with the theory of seafloor spreading? _____

10) Seafloor spreading occurs at _____-_____
_____. The seafloor closest to the ridge is _____
while the seafloor further from the ridge is much _____.

11) As the denser oceanic plate gets closer to the continental plate, the oceanic plate _____, which means it gets pushed under the continental plate.

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12) Using blocks, draw an example of each of the following plate boundaries. Label each block as either oceanic crust or continental crust. **Give an example of something that forms at each.**

a. Convergent (subduction)

b. Convergent (collision)

c. Divergent

d. Transform

13) The movement of tectonic plates is caused by _____
_____ found deep within the earth.