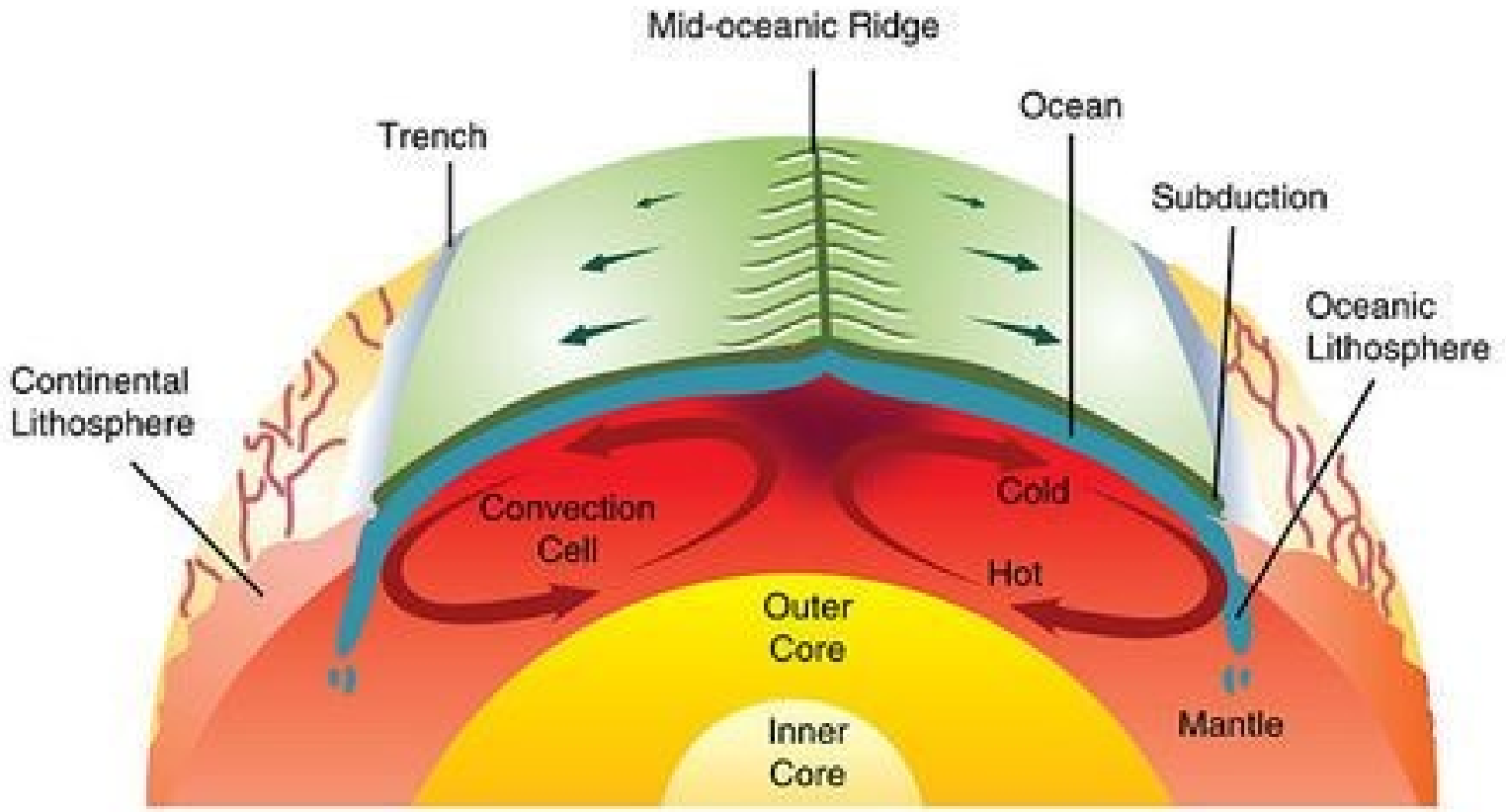
IS2T3 Part 2 – worksheets

Layers of the Earth



Virtual Expectations

Monday schedule

- **You go to all your classes!**
- You can start taking your final exam on Monday after class.
- 60 questions
- It is open notes!
- You will have to use all your packets; combustion & energy & waves/plate tectonics
- It **CANNOT** be turned in late.

HIGH SCHOOL FINALS
BELL SCHEDULE

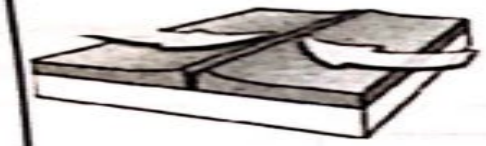
Monday 12/14		Tuesday 12/15	Wednesday 12/16	Thursday 12/17
P1 Dual Enrollment with COC 7:05 - 8:00				
8:30 - 9:05 P2 9:10 - 9:45 P3 9:50 - 10:25 P4	8:30 – 10:25	Final P2	Final P3	Final P4
Break 10:25 – 10:40				
10:45 - 11:20 P5 11:25 - 12:00 P6 12:05 - 12:40 P7	10:45 - 12:40	Final P5	Final P6	Final P7
Lunch 12:40 – 1:40				
Online Learning Flex Time	1:40 - 3:30	Teacher Time	Teacher Time	Teacher Time

Holiday Movies Trivia

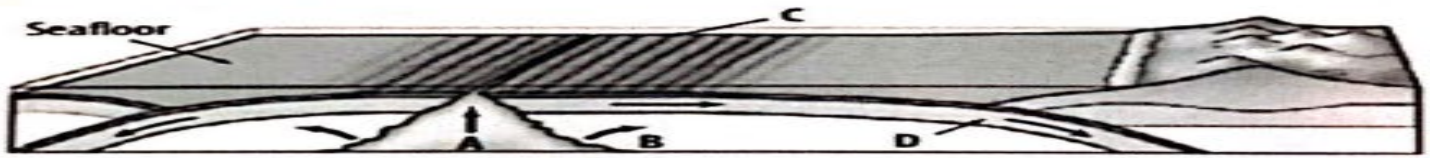
- This is for **extra credit.**
- A question will be written in the chat.
- The **first person** to respond with the **correct answer** will WIN the extra credit.
- Your answer must be sent to everyone in the chat and **NOT** a “private message”.
- Once you get the extra credit you don’t have to continue to participate.
- We will do a **video check** towards the end of class. You must be present for your extra credit to count.

Worksheet E

Directions: *Four diagrams are shown in the table below. Label and describe each diagram in the space provided in order to complete the table.*

Diagram	Type of boundary and motion at boundary	Diagram	Type of boundary and motion at boundary
10 	divergent	12 	convergent (subduction volcanoes)
11 	convergent (mountains)	13 	transform

Directions: *Study the following diagram of the seafloor. Then match the letters to the statements below.*



B 1. Molten rock flows onto the seafloor and hardens as it cools.

A 2. Hot, molten rock is forced upward toward the seafloor at a mid-ocean ridge

D 3. New seafloor moves away from the ridge, cools, becomes denser and sinks.

C 4. Molten rock pushes sideways in both directions as it rises, moving the mantle with it.

Worksheet F

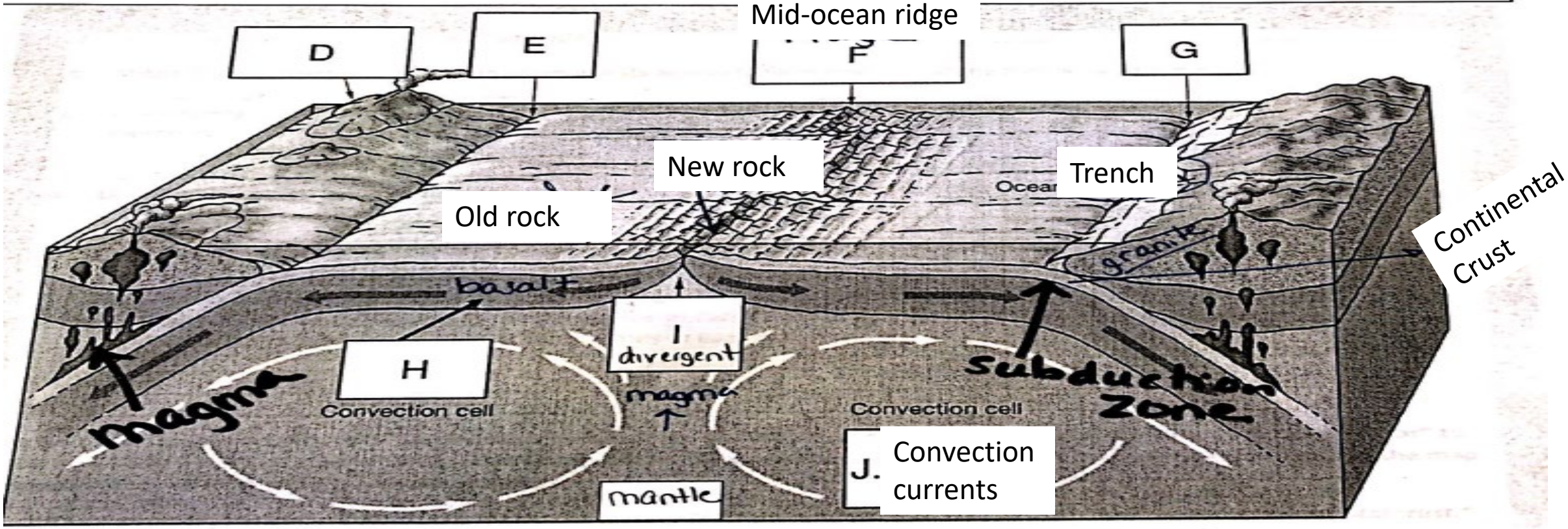
Directions: Label all the letters of the drawing & label the picture with the following words in the box.

Include in your drawing the following:

- Label the hot and cold of the convection cell
- Use arrows on the ocean to show how the ocean floor is spreading
- Add arrows showing movement of the tectonic plates and movement of the mantle.

Draw and label the diagram using the following words.

Basalt > labeled	Divergent boundary I	Subduction zone (labeled)
Granite > labeled	Convergent boundary (ocean/continent) G	Convection currents J
Oceanic crust H	Mid-ocean ridge F	Mantle (labeled)
Continental crust (labeled)	Trench (labeled)	Magma (labeled)
Volcanic arc D	Old rock vs. Newest rock	Convergent boundary (ocean/ocean plate) E



- Don’t forget on Monday you go to all your classes!

Science behind the Aurora Borealis

- https://youtu.be/ZVTbolyobcE
- **We will do one last video check to make sure everyone is present.**