

# How do you think Earth's large temperature gradient affects the speed of its convection currents? How would this speed change if Earth's core were cooler?

Answer:

Convection currents in the Earth's core are caused by hot magma rising upwards, cooling, then sinking back toward the core. These convection currents are the driving force for tectonic plate movement in the crust. The constantly moving magma in the mantle carries the plates sitting on top of it. The hotter the magma, the faster the speed of its convection currents.

If the interior of the Earth were to cooler, then the movement of the plates would decrease.

Explanation:

Convection currents in the Earth's core are caused by hot magma rising upwards, cooling, then sinking back toward the core. These convection currents are the driving force for tectonic plate movement in the crust. The constantly moving magma in the mantle carries the plates sitting on top of it.

If the interior of the Earth were to cooler, then the movement of the plates would decrease.

Answer:

A higher temperature gradient causes faster heat transfer, and thus faster convection currents. If the core were cooler, the temperature gradient would be lower, so the convection currents would likely slow down.

Explanation:

Edmentum answer

What is a non linear presentation

Product of 2 numbers increased by 9

After taking a drug at a party, fawn became energetic, talkative, and lively. which drug did fawn most likely use?

99,000 = how many tens

You have been invited to be part of a special group that is traveling on a cultural exchange to La Habana, Cuba. During your trip, the group has been invited to a

special event thrown by the Cuban Ministry of education. It will be important people there, along with musicians, dancers, and other performers to perform at the event. Write a diary entry that details how you get ready for your day.

Your diary entry should be 4 to 5 paragraphs long and it should include the following information.

What is the special event?

Where does the special event take place?

Describe the event and the people who are attending.

What you do to get ready?

-Use reflex verbs

-Use ser and estar.

-Use possessive adjective add anything else you'd like to add.

What two new parties filled the gap left by the death of the Whigs in the 1850s?

You have been appointed to a health education team at your school. Your job is to develop the criteria for the health information that another member of the team will be sharing with students. Which term BEST represents your role in the project? A. critical thinker B. problem solver C. effective communicator D. self-directed

Write the number as tenths in fraction form and decimal form. 0.60

Andy is struggling to brainstorm a list of topics for his research paper. What advice would you give him? Think about what his interests are or ask others for input.

Stick to the topic he had originally planned to use.

Skip the brainstorming stage and move on.

Pursue the first topic he sees in an online search.

Done.

$\frac{6}{7}$  and  $\frac{18}{21}$  are the ratios equivalent.

Identify which of the following is a major function of the cytoplasmic membrane. A. anchor for carbohydrates

B. impermeable barrier

C. rigid shape defining

D. layer energy conservation

Economic progress can occur when business owners provide jobs and economic growth for their employees, their communities, and themselves. 1. true  
2. false

What is a suffix for the words toward the east in a quiet way

Difference between hypothesis and prediction examples

How many solutions does the equation have?  $a+5=1/5(15+5a)$  a. one solution

b. infinite solutions

c.no solution  $1/5$  is a fraction fyi

Which gases are carried by red blood cells?

The blank is the the distance between two crests or two troughs on a transverse wave. It is also the distance between compressions or the distance between rarefactions on a longitudinal wave.

How did Woodrow Wilson's presidential win in 1912 set a precedent

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