

CHAPTER 9 PLATE TECTONICS

WORDWISE ANSWERS

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What is plate tectonics answers? Plate tectonics is a scientific theory that explains how major landforms are created as a result of Earth's subterranean movements. The theory, which solidified in the 1960s, transformed the earth sciences by explaining many phenomena, including mountain building events, volcanoes, and earthquakes.

What are tectonic plates answer the following questions briefly? A tectonic plate (also called a lithospheric plate) is a massive, irregularly shaped slab of solid rock, generally composed of both continental and oceanic lithosphere. Plate size can vary greatly, from a few hundred to thousands of kilometers across; the Pacific and Antarctic Plates are among the largest.

What is the concept of plate tectonics _____ group of answer choices? The best explanation of the theory of plate tectonics is that sections of the Earth's crust move laterally past, away from, or slide under other plates. The theory of plate tectonics is a scientific theory that explains how the Earth's outer layer is made up of plates that move and interact with one another.

What is the best answer for the cause of tectonic plate movement? The movement of these tectonic plates is likely caused by convection currents in the molten rock in Earth's mantle below the crust. Earthquakes and volcanoes are the short-term results of this tectonic movement. The long-term result of plate tectonics is the movement of entire continents over millions of years (Fig.

What is the theory of plate tectonics class 9 short answer? Plate tectonics is the theory that states that Earth's outer shell is divided into several plates that glide over

the mantle. The plates act like a hard and rigid shell compared to Earth's mantle. This strong outer layer is called the lithosphere. Plate tectonics is the modern version of continental drift.

What is plate tectonics in simple words? Plate tectonics is the theory that Earth's outer shell is divided into large slabs of solid rock, called "plates," that glide over Earth's mantle, the rocky inner layer above Earth's core. Earth's solid outer layer, which includes the crust and the uppermost mantle, is called the lithosphere.

What are plates class 9? A tectonic plate is also called lithospheric plate. It is a massive slab of solid rock, generally composed of both continental and oceanic lithosphere. Plates move horizontally over the asthenosphere as rigid units. These seven plates comprise the bulk of the continents and the Pacific Ocean.

What are plate tectonic examples? Deep ocean trenches, volcanoes, island arcs, submarine mountain ranges, and fault lines are examples of features that can form along plate tectonic boundaries. Volcanoes are one kind of feature that forms along convergent plate boundaries, where two tectonic plates collide and one moves beneath the other.

How many tectonic plates are there? There are seven major plates that make up 94% of the Earth's surface and many smaller plates making up the other 6%. The tectonic plates are in motion and it is thought that they have been in motion since early in earth's history. The word tectonic refers to the structure of the earth and the processes happening on it.

What causes plates to move? The plates can be thought of like pieces of a cracked shell that rest on the hot, molten rock of Earth's mantle and fit snugly against one another. The heat from radioactive processes within the planet's interior causes the plates to move, sometimes toward and sometimes away from each other.

What are the 4 types of plate boundaries? There's four main types you'll need to know. These are constructive, destructive, collision and conservative - these basically are just different ways that two tectonic plates could interact. Constructive (also known as divergent) is the two plates pulling apart away from each other (or diverging).

How are tectonic plates formed? Starting roughly 4 billion years ago, cooler parts of Earth's crust were pulled downwards into the warmer upper mantle, damaging and weakening the surrounding crust. The process happened again and again, the authors say, until the weak areas formed plate boundaries.

What layer is broken up into pieces called? The surface layer of the earth is called the crust. This layer is broken up into pieces called tectonic plates. These plates "float" on the mantle.

What is the boundary between two tectonic plates called? Convergent boundaries occur when two plates come together. This can result in the formation of large mountains, such as the Himalayan mountains, or volcanos when one plate sinks under the other. Another type of boundary that can form volcanos is divergent boundaries, when two plates spread apart.

What are the different types of boundaries in science? There are three kinds of plate tectonic boundaries: divergent, convergent, and transform plate boundaries. This image shows the three main types of plate boundaries: divergent, convergent, and transform. Image courtesy of the U.S. Geological Survey.

What is the concept of plate tectonics _____? The plate tectonics theory suggested that Earth's surface is divided into large plates of rigid rock. Each plate moves over Earth's hot semi-plastic mantle. The theory of plate tectonics states that Earth's surface is made of rigid slabs of rock, or plates, that move with respect to each other.

Where are some transform boundaries located? Transform boundaries are places where plates slide sideways past each other. At transform boundaries lithosphere is neither created nor destroyed. Many transform boundaries are found on the sea floor, where they connect segments of diverging mid-ocean ridges. California's San Andreas fault is a transform boundary.

What do earth plates float on? Earth's tectonic plates rest upon the asthenosphere, the upper layer of Earth's mantle. Over short timescales, the mantle behaves like a solid. If you could reach down and grab a handful of mantle rock it would be just that; solid rock.

What is plate tectonics class 9? The theory of plate tectonics states that the Earth's solid outer crust, the lithosphere, is separated into plates that move over the asthenosphere, the molten upper portion of the mantle. Oceanic and continental plates come together, spread apart, and interact at boundaries all over the planet.

What are the two types of crust? Earth's crust is divided into two types: oceanic crust and continental crust. The transition zone between these two types of crust is sometimes called the Conrad discontinuity. Silicates (mostly compounds made of silicon and oxygen) are the most abundant rocks and minerals in both oceanic and continental crust.

Which type of crust is usually the oldest? By contrast, continental crust is rarely recycled and is typically much older. The oldest recorded rocks on Earth are all located on continental crust in northern Canada and western Australia and date to approximately 3.8 to 4.4 billion years old.

What are tectonic plates for kids? The theory, or idea, of plate tectonics says that Earth's outer layer is made up of large, moving pieces called plates. All of Earth's land and water sit on these plates. The plates are made of solid rock. Under the plates is a weaker layer of partially melted rock.

What is a plate tectonic quizlet? plate tectonics. The theory of plate tectonics states that Earth's surface is made of rigid slabs of rock, or plates, that move with respect to each other. tectonic plates. Earth's tectonic plates are large pieces of lithosphere. These lithospheric plates fit together like the pieces of a giant jigsaw puzzle.

What is plate tectonics best described as? Expert-Verified Answer. Answer: The correct answer is A. The Plate Tectonic Theory can best be described as the Earth's natural process by which its lithospheric plates slowly move about because of movement in the asthenosphere.

What is a plate tectonics essay? The theory of plate tectonics states that Earth's outer shell is divided into plates. The crust and upper mantle is broken into plates that move around on the mantle, changing in size throughout time. The lithosphere makes up the crust and upper mantle and the asthenosphere a plastic like layer

beneath the lithosphere.

How much does an Evinrude 115 cost?

Why did Evinrude stop making outboard motors?

Can you still get parts for Evinrude outboard motors? You can obtain Evinrude parts and accessories from your authorized dealer, or using our online store. You can access the online store [here](#).

How can you tell how old an Evinrude outboard is? Not sure about the year of your outboard motor? The serial number can help you determine the year of your engine. Your serial number or model number can be found on the engine's mid-section. Often this plate is also marked with the engine's year too.

How long do Evinrude motors last? As we mentioned, 1,500 – 4,000 hrs is what modern outboard motors can get on average for lifespan (mainly about the powerhead) under proper maintenance.

How much HP does a 115 Evinrude have? The Evinrude E-Tec comes as 3 separate engines all based on the same 1726cc powerhead. The 115hp is 115hp (at least). The 115HO is 126hp.

Is Evinrude better than Mercury? The Evinrude is known for running cleanly and more efficiently. That means over time, you'll get more bang for your buck while traveling long distances. Of course, your fuel efficiency is most influenced by you, the boat owner. If you keep even speeds in waters of lower-resistance, you will use less fuel.

Can you still buy Evinrude engines? OUR EVINRUDE CUSTOMERS We are proud to have supplied you with outboard engines over the past 110 years. For business reasons, we have made the difficult and thoughtful decision to discontinue manufacturing of our outboard engines to focus on the next generation of propulsion.

Is Evinrude a good engine? The latest models include some of the lowest emission and highest power-to-weight ratios on the market today. In a comparison test between the top 115hp outboard motors, Popular Mechanics found Evinrude to be the most economical 2-stroke engine fuel-wise.

Should I run premium gas in my outboard? It's important to note that while the higher octane will not give you more standard performance than your engine is designed to give, the lower octane will reduce the expected peak performance of your engine. Bottom line: by going cheap you're robbing your boat and yourself.

Is Evinrude still honoring the warranty? With over 1,000 dealers and distributors globally, the brand will continue to honor manufacturer limited warranties and extended service contracts and will supply customers and dealers with service parts as needed.

Who bought out Evinrude? After several attempts at reimagining the business, Outboard Marine went bankrupt and its outboard motor divisions were purchased by the Canadian firm, Bombardier. In 2020, the Evinrude brand was discontinued after more than 110 years.

Are Johnson and Evinrude motors the same? In 1936 the Evinrude company merged with the Johnson Motor Company to form the Outboard Marine Corporation.

Will Johnson and Evinrude parts interchange? Re: Are Johnson and Evinrude parts interchangeable? Yes, they are interchangeable. Why don't you check the original part numbers at the link below and verify what you need.

Are Johnson outboard motors still made? Bombardier stopped selling outboards under the Johnson brand after 2007, and moved all sales entirely to Evinrude Outboard Motors until they were discontinued in June 2020.

Why did they stop making Evinrude? According to BRP's president and CEO José Boisjoli, "Our outboard engines business has been greatly impacted by COVID-19, obliging us to discontinue production of our outboard motors immediately. This business segment had already been facing some challenges and the impact from the current context has forced our hand."

Is Evinrude better than Yamaha? Both of these popular outboard brands are tough to beat. On one hand, the Evinrude has lower maintenance and will exude lower environmentally hazardous emissions. Yamahas, in comparison, are known as the most reliable motors that have been around for 30+ years.

Do 2 stroke or 4-stroke outboards last longer? Fortunately, modern manufacturing standards have made today's 2- and 4-stroke motors more reliable than older models. Both are built to last and power through any adventure, though 4-stroke motors are typically more durable than 2-stroke motor counterparts from the same manufacturer.

How fast will a 115 hp outboard go? Four Strokes Inline 4 / 1.8L / 115 HP The Yamaha Outboard VF115 V MAX SHO is the fastest 115-hp four-stroke ever, with a top speed of nearly 51 mph. This 377-pounds outboard is a class leader in torque, top speed and efficiency. It's not only the fastest but also 10 pounds lighter than two-stroke competitor outboards.

How many miles per gallon does a 115 hp outboard get? All of the boats we studied powered by the Mercury 115 had WOT speeds of 24 mph, except for the smallest and lightest boat which went one mph faster. Most efficient cruising speeds were in the mid teens and all of the boats got from 4.5 to 4.9 mpg at these speeds.

What is the fuel economy of the Evinrude 115? A modern 115-HP outboard engine that uses a stratified charge mode of combustion, like an Evinrude E-TEC, can operate at low speeds with a fuel consumption rate of only 0.15-GPH.

Who has the most reliable outboard motor? Yamaha Outboard Known for their reliability, Yamaha Outboard Motors are the ideal choice for any adventurous boater looking for consistent performance and superior power. With advanced designs, these outboard motors deliver an incredible combination of power, torque, refined performance and fuel efficiency.

What is the most sold outboard brand?

What is the most efficient outboard motor? Not only electric, silent, and durable: Candela C-POD is also the most efficient boat motor ever built.

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What is the top speed of the Evinrude 115 ETEC? With the Evinrude E-TEC G2 115 H.O. outboard powering our Alumacraft test boat, we reached a top speed of 41 mph (74.8 kph) at 5100 rpm. Best economic cruise came in at 2500 rpm and 17.5 mph (28.1 kph).

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Is Evinrude better than Mercury? The Evinrude is known for running cleanly and more efficiently. That means over time, you'll get more bang for your buck while traveling long distances. Of course, your fuel efficiency is most influenced by you, the boat owner. If you keep even speeds in waters of lower-resistance, you will use less fuel.

What was the last year for Evinrude? Founded by Ole Evinrude in Milwaukee, Wisconsin in 1907, it was formerly owned by the publicly traded Outboard Marine Corporation (OMC) since 1935 but OMC filed for bankruptcy in 2000. It was working as a subsidiary of Canadian Multinational Bombardier Recreational Products but was discontinued in May of 2020.

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Should I run premium gas in my outboard? It's important to note that while the higher octane will not give you more standard performance than your engine is designed to give, the lower octane will reduce the expected peak performance of your engine. Bottom line: by going cheap you're robbing your boat and yourself.

Is a 115 hp Evinrude a good motor? Brief Summary Evinrude's E-TEC 115 has not only billed itself as a stand-alone powerhorse, but also as a likely upgrade to the venerable 90 E-TEC. In our opinion, this 115 E-TEC has enough power to handle hard running offshore, as well as vigorous watersports inshore.

Why was Evinrude discontinued? Why did Evinrude make this decision? A big part of it was fallout from COVID-19. The CEO of BRP said that the business of making outboard engines was hugely impacted by COVID-19, which led to the decision to discontinue production. From all accounts, the decision was extremely surprising to everyone affected.

How many hours is an Evinrude E-TEC good for? There are instances of E-TECs running with over 6000 hours on them. Many commercial crabbers and fisherman have over 3000 hours on their motors. Many recreational customers have well over 1000 hours on their engines.

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Will Evinrude still honor the warranty? Does my Evinrude engine remain under warranty? Yes, we will continue to supply customers service parts as needed and honor our manufacturer limited warranty coverage and extended service contracts.

Are 2-stroke outboards better than 4-stroke? Because they have fewer parts, 2-stroke motors are generally smaller and lighter than 4-stroke motors. Lighter weight also allows 2-stroke engines to run faster. As a result, when making a 2-stroke vs. 4-stroke outboard power comparison, 2-stroke motors usually win out.

What is the most sold outboard brand?

Who makes Evinrude engines? After several attempts at reimagining the business, Outboard Marine went bankrupt and its outboard motor divisions were purchased by the Canadian firm, Bombardier. In 2020, the Evinrude brand was discontinued after more than 110 years. "I put my whole life into it, so it's tough to see it gone," Ziehm said.

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What was the Garvey movement in British West Africa? The Garvey movement also marked the beginning of a new era in West African nationalism. Garvey's radical pronouncements on freeing Africa from colonial rule were unacceptable to the older cultural nationalists who dominated the Garvey groups. They disavowed any interest in organizing a central nation for the race.

What religion was Marcus Garvey? Garvey believed in a Black God, the “God of Ethiopia” as he used to call him, and promoted an Afrocentric version of Christianity.

What did Marcus Garvey believe was the key to achieving prosperity and acceptance for Black Americans? Marcus Garvey believed that the key to achieving prosperity and acceptance for Black Americans was by empowering Black communities to operate independently from white society. He advocated for economic self-sufficiency and encouraged Black Americans to build their own businesses, schools, and institutions.

What were the teachings of Marcus Garvey? Marcus Garvey advocated that Africans control the wealth of Africa. He taught that control, control of resources, control of self, control of nation, requires preparation, Garveyism was about total preparation. There is still no unified force in Africa calling attention to the need for this kind of preparation.

What was the impact of Marcus Garvey and the Back to Africa movement? Through the UNIA, Garvey also pushed to support the "back to Africa" movement, and created the Black Star Line to act as the Black owned passenger line that would carry patrons back and forth to Africa. He also fostered restaurants and shopping centers to encourage black economic independence.

What was the move back to Africa movement? The movement originated from a widespread belief among some European Americans in the 18th and 19th century United States that African Americans would want to return to the continent of Africa. In general, the political movement was an overwhelming failure; very few former slaves wanted to move to Africa.

What was the Garvey motto? On July 15, 1914, Garvey founded the UNIA (Universal Negro Improvement Association). Its motto was “One God! One aim!

What are three accomplishments of Marcus Garvey?

Why is Marcus Garvey a hero? Marcus Garvey organized the United States' first Black nationalist movement. In the years following World War I, he urged Black Americans to be proud of their identity. Garvey enjoyed a period of profound Black cultural and economic success, with the New York City neighbourhood of Harlem as the movement's mecca.

What is Marcus Garvey's famous quote? The ends you serve that are selfish will take you no further than yourself but the ends you serve that are for all, in common, will take you into eternity. If you haven't confidence in self, you are twice defeated in the race of life. With confidence, you have won even before you have started.

What was the prophecy of Marcus Garvey? "Look to Africa when a black king shall be crowned, for the day of deliverance is near." This was the prophecy that started it all. The prophecy was Marcus Garvey's. Garvey was a Jamaican activist who campaigned for political and social change on an island that had been an important centre for slavery.

What were the philosophies of Garvey? Every man has a right to his own opinion. Every race has a right to its own action; therefore let no man persuade you against your will, let no other race influence you against your own.

Did Garvey create a Back to Africa movement? Marcus Garvey and his organization, the Universal Negro Improvement Association (UNIA), represent the largest mass movement in African-American history. Proclaiming a black nationalist "Back to Africa" message, Garvey and the UNIA established 700 branches in thirty-eight states by the early 1920s.

What is the meaning of garveyism? : a 20th century racial and political doctrine advocating black separation and the formation of self-governing black nations in Africa. Garveyite. -???.t. noun.

What are three accomplishments of Marcus Garvey?

Who sold Marcus Garvey for rice? Answer and Explanation: Marcus Garvey was not sold for rice. The line from a Bob Marley song is a metaphor for Garvey's

betrayal at the hands of other black people who chose to cooperate with the FBI and other organizations to bring about Garvey's downfall.

Trinity ISE B1 Listening Exercises: Tri Pro English

The Trinity Integrated Skills in English (ISE) B1 exam tests proficiency in English language skills, including listening comprehension. Tri Pro English provides a comprehensive set of listening exercises designed to prepare candidates for the B1 level exam.

1. Exercise Type: Multiple Choice

In these exercises, candidates listen to a short recording and select the best answer from multiple choices. The questions typically focus on key information, main ideas, and specific details mentioned in the recording.

- **Example:** What is the speaker's main purpose in giving this talk?

2. Exercise Type: Short Answer

These exercises require candidates to listen to a recording and answer brief questions in writing using their own words. The questions test understanding of specific points and the ability to summarize information.

- **Example:** Who is the author of the book mentioned in the interview?

3. Exercise Type: Matching

In matching exercises, candidates listen to several short recordings and match them to written statements that describe their content. This tests their ability to differentiate between different speakers and topics.

- **Example:** Match the speakers with their occupations: Speaker A: Doctor, Speaker B: Teacher, Speaker C: Engineer

4. Exercise Type: True/False

True/false exercises present statements and ask candidates to indicate whether they are true or false based on the information they hear in the recording. This tests their

attention to detail and understanding of the overall content.

- **Example:** The presentation is about the history of climate change.
(True/False)

5. Exercise Type: Dictation

Dictation exercises require candidates to listen to a recording and transcribe a short passage. This tests their ability to accurately identify and spell spoken words.

- **Example:** Please transcribe the following sentence: "The conference will be held on the 15th of June."

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