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## Types of evolution worksheet pdf answers

If you see this message, it means that you are lying in need of loading external resources on our website. If you're behind a web filter, make sure that the domains .kastatic.org and .kasandbox.org are unblocked. You can follow several different patterns that evolve over time. Factors such as the environment and tree pressure can have a different effect on the way species that are exposed to them evolve. shows the evolution of three main types: divergence, convergence, and parallel evolution. Figure:Type of evolution. a) divergence, b) convergence, and c) parallel. Divergent evolution When people hear the word evolution, they most commonly think of different evolutions, which are evolutionary patterns in which the two species gradually differ. This kind of evolution often occurs when closely related species diversify into new habitats. On a large scale, evolution plays a role in creating the present diversity of life on Earth from living cells. On a smaller scale, it is responsible for the evolution of humans and apes from the ancestors of common primates. Convergence evolution Convergence evolution causes difficulties in research fields such as comparative anatomy. Convergence evolution occurs when species of different ancestors begin to share similar qualities due to shared environments and other selection pressures. For example, whales and fish have several similar characteristics because both had to evolve the way they pass through the same medium: water.parallel evolution parallel evolution occurs when two species evolve independently of each other and maintain the same level of similarity. Parallel evolution usually occurs among unrelated species that do not occupy the same or similar niches in a particular habitat. If you see this message, it means that you are lying in need of loading external resources on our website. 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Evolution Worksheet Answer Key 15 through Evolution Worksheet Answer Key through Evolution Worksheet Answer Key through Evolution Worksheet Answer Key Chapter 15 Darwin's Evolution Natural Selection Answer Key Through Darwin's Evolutionary Answer Answer Key Through Natural Selection Answer Key Through Natural Selection Answer Key Theory of Natural Selection and Evolutionary Answers through the theory of Darwin's evolutionary answers through evidence of Darwin's evolutionary answers through evidence of evolutionary answers through the answers of natural choice through the answers of natural choice answers without exception 。 That's why we always keep the original photo without changing anything, including the copyright mark. All the photo galleries we publish are guaranteed to carry the owner's link where we found it under each photo. So many people ask us about the appropriate rights related to photos on our gallery. If you need to find out what your rights are, you need to contact the website for each photo, because we can't determine what your rights are. If the watermark does not appear, it does not mean that the photo can be used freely without permission. Transcript convergence: Ecological pressures cause similarity to structure or function, but are not similar to common ancestors. Divergence: Evolution resulting from differences in organisms with common ancestors. Co-evolution: Evolution in which one organism changes because it lives in close relation. Punch Equilibrium: Evolution has been stable for some time, and in the oceans surrounding Antarctica, there are fish that survive cold water using molecules made of glycoproteins that circulate blood and prevent freezing. Certain types of worms that live in the Arctic Ocean also create antifreeze proteins that help them live in frozen water. Ants are the correct size and weight needed to open flowers for peony plants. Peony plants provide food for ants and ants show a long stable period of small evolution in which the evolution of peony flower horses was interrupted by a short period of timeRapid change. Kit foxes live in the desert and have large ears with a larger surface area to prevent foxes from overheating. The red fox lives in the woods and has a red coat that continues to camouflage it. Hummingbirds have just the right length to reach the nectar of the cardinal's flowers, and as they supply their foreheads to the pollen structure. The cardinal's flowers are red, hummingbirds can see, but bees can't see. The pollen structure of the cardinal flower is just the right length for hummingbirds to pick up pollen to feed on. Galloty Atlantica and Galloti Galloti lizards evolved through natural selection from common ancestors to various different lizards. Whales, sharks and penguins have streamlined bodies and fins/flippers for moving in water, even though they belong to different classes of animals (mammals, fish, birds). Galapagos tortoises share a common ancestor, but have necks of different lengths to best reach the food needed for the environment. Equilibrium co-evolution divergence evolution description direction of convergence evolution of punctuation: Read each of the descriptions below and write the mane of the type of evolution described. Write a word in the appropriate box. WORD BANK convergence evolution, this kind of evolution is proved by DNA analysis, resulting in more similar results as organisms with different ancestors adapt to similar environments. 10 Adaptive radiation is also known as \_\_\_\_\_ 11 The sudden appearance of new species in the fossil record 12 Galapogos finch evolved through natural selection from common ancestors to a wide variety of different looking species. 13ostriches (birds) and giraffes (mammals) both live in African savannahs. They share the same features of a very long neck. 14 North American beavers and South American capybaras share a common ancestor, but have evolved to look different over time. The 15 ostriches are born in the African savannah, and the penguins live in the polar worlds. Ostriches and penguins are closely related, but they look very different. 16 Bees do not see red, but they can see yellow, blue and ultraviolet rays. Therefore, the scissors pollination flower is mainly yellow or blue, UV Nector guide (landing pattern) leads the bee. They usually have a small and narrow flower tube to match the length of the tongue of that kind of honey family. Punctuation Equilibrium Co-Evolutionary Divergence Evolutionary Convergence Evolution 9 9