

Name:

Date:

Unit title: Evolution and inheritance

1 What is variation?

- A Any similarity between individuals of a species.
- B Any difference between individuals of a species.
- C Any comparison between individuals of a species.
- D Any individuals of a species.

2 Which of these is an example of just environmental variation?

- A Hand span.
- B Blood type.
- C A scar.
- D Height.

3 Which of these is an example of just inherited variation?

- A Hand span.
- B Blood type.
- C A scar.
- D Height.

4 An adaptation is...

- A ...an inherited characteristic that helps an organism to survive.
- B ...an inherited characteristic that stops an organism from surviving.
- C ...an environmental characteristic that helps an organism to survive.
- D ...an environmental characteristic that stops an organism from surviving.

5 An example of an adaptation for a polar bear is...

- A ...a fatty hump.
- B ...large feet.
- C ...long eyelashes.
- D All of the above.

6 An example of an adaptation for a camel is...

- A ...a fatty hump.
- B ...large feet.
- C ...long eyelashes.
- D All of the above.

7 Which shows the correct order of the steps involved in natural selection?

- A Gradual change → Advantages inherited → Survival of the fittest → Variation.
- B Gradual change → Survival of the fittest → Advantages inherited → Variation.
- C Variation → Survival of the fittest → Advantages inherited → Gradual change.
- D Variation → Advantages inherited → Survival of the fittest → Gradual change.

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KS2 Quiz

Unit title: Evolution and inheritance

8 Which is used as evidence for the theory of evolution?

- A Fossils.
- B Observing variation in living things.
- C Studying the genes of a species.
- D All of the above.

9 Which of the following about evolution is not true?

- A Evolution normally takes place over millions of years.
- B Evolution only affects animals.
- C Evolution is a gradual change of a living thing from an earlier form.
- D Evolution depends on inherited variation.

10 Which fox is best adapted for a snowy environment? Explain your ideas.