

7D Variation and classification

Extension questions

Science Interactive LTD, PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Answer the following questions:



Click mouse to reveal answer

- Q1. What do you call a small difference between members of the same species?
- Q2. What do you call the lower part of an animal's body, containing the stomach and other organs?
- Q3. What do you call animals with a back bone?
- Q4. What do you call animals without a back bone?
- Q5. What are animals that gives birth to live young called?
- Q6. What do you call an animal that can live in and out of water?
- Q7. What do you call an animal with scales that only lives on land?
- Q8. What are the specific features that animals or plants have?
- Q9. What is the process of being able to tell what something is called?
- Q10. When a result can take any value within a range of values it is said to be ... what?
- Q11. What is are small, air-breathing animal with six legs called?
- Q12. What is an animal that lives in water and is covered with scales called?
- Q13. What is a system of classifying objects, plants or animals called?
- Q14. What do we put similar plants or animals into?
- Q15. What do we call the five major divisions of living thing?

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Answers:

- A1. Variation
- A2. Abdomen
- A3. Vertebrates
- A4. Invertebrates
- A5. Mammals
- A6. An amphibian, amphibious
- A7. A Reptile
- A8. Characteristics
- A9. Identification
- A10. Continuous
- A11. Insects
- A12. A fish
- A13. A key
- A14. A group
- A15. Kingdoms

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multiple choice

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1: Which is an example of a genetically controlled variation in humans ?

- A Hair colour
 - B Body weight
 - C Being lazy
 - D Being good at playing football
-

2: What group of animals does a crocodile belong to ?

- A Birds
 - B Reptiles
 - C Mammals
 - D Amphibians
-

3: Two identical twins, which feature will not be the same ?

- A Blood group
 - B Fingerprints
 - C Eye colour
 - D Sex
-

4: This animal has scales and gills and lives in water...which group is it in ?

- A Mammals
 - B Spiders
 - C Fish
 - D Reptiles
-

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multiple choice

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A Hair colour

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4: This animal has scales and gills and lives in water...which group is it in ?

A

B

C Fish

D

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literacy in science

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Answer all the questions below:



Click mouse to reveal answer

1) Unscramble the following words:

niovatria

atertebrve

peiessc

ivef gdoksinm

2) Make three sentences using the following nine words or phrases:

living things
variation
hair colour

grouped
individuals
example

species
within a species
inherited trait

3) Match the word or phrase with the right meaning:

Kingdom



Multi-cellular organism with their own means of movement

Plants



All living things below to one of these groups

Animals



Multi-cellular organism with their own means of making food

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literacy in science

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Answer all the questions below:

1) Unscramble the following words:

variation

vertebrate

species

five kingdoms

2) Make three sentences using the following nine words or phrases:

living things
variation
hair colour

grouped
individuals
example

species
within a species
inherited trait

3) Match the word or phrase with the right meaning:

Kingdom

All living things below to one of these groups

Plants

Multi-cellular organism with their own means of making food

Animals

Multi-cellular organism with their own means of movement

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complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

divided

groups

variation

five

animals

worms

species

blood

genes

- All individuals can be sorted into _____ with similar characteristics.
- Variation in a _____ means that we are all different.
- Different _____ groups in humans is a good example of inherited variation.
- Different _____ inherited from our parents causes variation in families.
- A living organism can belong to two groups: plants and _____.
- There are _____ groups belonging to the vertebrates.
- Round, segmented and flat _____ all belong to the invertebrate group.
- How you look is due to environmental and genetic _____.
- Plants can be divided into flowering and non-flowering _____.

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complete the sentence

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Place the right word or words to complete the sentence:

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- a) All individuals can be sorted into groups with similar characteristics.
- b) Variation in a species means that we are all different.
- c) Different blood groups in humans is a good example of inherited variation.
- d) Different genes inherited from our parents causes variation in families.
- e) A living organism can belong to two groups: plants and animals.
- f) There are five groups belonging to the vertebrates.
- g) Round, segmented and flat worms all belong to the invertebrate group.
- h) How you look is due to environmental and genetic variation.
- i) Plants can be divided into flowering and non-flowering groups.