

Task

- Complete the cloze statements in your book.
- Do not go to the 3rd page until you have completed the task.
- Ensure you read the information and instruction before completing the task.

Variation and Characteristics

All humans look _____ from one another. This is because we all have different _____ of features that make us who we are. These features are called _____.

The differences between humans (or any other organism) are called _____.

Characteristics can be _____, environmental or both.

Both types of characteristics cause variation in organisms and make them look different from one another.

Combinations	Characteristics	Variation	Different	Inherited
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Inherited Characteristics

We get some of our characteristics from our _____. These are called _____ characteristics.

The instructions for these features are passed down to us by _____, which are little sections of DNA found in the _____ of our cells.

We get half of our genes from our _____ and half from our father. This is because the nuclei of their _____ cells fuse together in _____ and make a full set of “instructions” that makes us.

Nuclei	Inherited	Mother	Fertilisation	Parents	Genes	Sex
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Environmental Characteristics

Some of our characteristics are determined by the way we live the choices we make.

List three environmental factors that can affect our characteristics:

- _____
- _____
- _____

Some of our characteristics are very complicated and are a combination of **environmental** and **inherited** factors.

Variation and Characteristics

All humans look **different** from one another. This is because we all have different **combinations** of features that make us who we are. These features are called **characteristics**.

The differences between humans (or any other organism) are called **variation**.

Characteristics can be **inherited**, environmental or both.

Both types of characteristics cause variation in organisms and make them look different from one another.

Combinations	Characteristics	Variation	Different	Inherited
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Inherited Characteristics

We get some of our characteristics from our **parents**. These are called **inherited** characteristics.

The instructions for these features are passed down to us by **genes**, which are little sections of DNA found in the **nuclei** of our cells.

We get half of our genes from our **mother** and half from our father. This is because the nuclei of their **sex** cells fuse together in **fertilisation** and make a full set of “instructions” that makes us.

Nuclei	Inherited	Mother	Fertilisation	Parents	Genes	Sex
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Environmental Characteristics

Some of our characteristics are determined by the way we live the choices we make.

List three environmental factors that can affect our characteristics:

- **where we live**
- **What we eat**
- **the choices we eat**

Some of our characteristics are very complicated and are a combination of **environmental** and **inherited** factors.