

Genetics

Name:

Brainpop—DNA

Period:

Watch the Brainpop on DNA, then determine if the statements below are true or false. You can also use Chapter 7 to help you.

If the statement is true, write "TRUE" on the line in front of the statement.

If the statement is false, fix it by writing on the line the correct words to replace the underlined words in bold.

1. _____ DNA is found in a cell's **membrane**.
2. _____ Identical twins have **different** DNA.
3. _____ **Genes** are sections of DNA that code for certain traits.
4. _____ **Chromosomes** are long strands of DNA.
5. _____ DNA is **single-** stranded.
6. _____ Clones contain the same **genetic material**.
7. _____ Nearly every cell in your body has a **complete set** of DNA.

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|---|---|
| | |
| draw a strand of DNA that includes base pairs | draw a chromosome that has 2 chromatids |

Can the scientist in the picture see base pairs in the DNA in the test tube she is holding? Why or why not?

