

stamp



Name: _____

Date: _____

DNA Notes

1. What does DNA stand for?

D _____ N _____ A _____

2. Why is DNA important?

DNA contains the important _____ that makes us who we are.

Examples:

- 1)
- 2)
- 3)
- 4)

3. Where is DNA found?

In the _____ of every _____ in our body.

4. What does DNA look like?

It looks like a twisted ladder.

DNA has the shape of a _____.

5. What's a helix?

A helix is a _____ strand.

6. How was this shape discovered?

2 scientists named _____ and _____ used other people's _____ to put together the _____ of DNA.

7. What the heck are chromosomes?

Chromosomes are _____ DNA.

8. What is DNA made of?

DNA is made of _____ called _____.

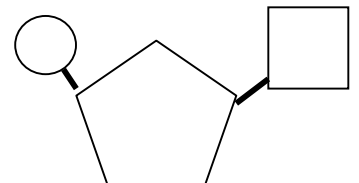
9. What are nucleotides?

Nucleotides are made up of a _____, a _____, and a _____.

10. Nucleotides

The sugar and phosphate make up the _____.

The bases _____ of the backbone.



11. What kinds of bases are there?

There are 4 bases:

1)

2)

3)

4)

12. Let's make this simple:

___ stands for **A**denine

___ stands for **G**uanine

___ stands for **T**hymine

___ stands for **C**ytosine

13. Base-pairing rules:

___'s pair with ___'s

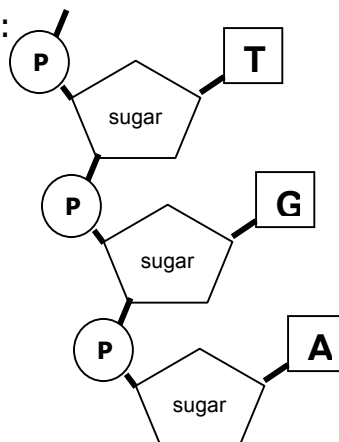
___'s pair with ___'s

14. Nucleotides

The bases _____ with the partner bases of a _____ strand. (Complimentary means _____.)

15. DNA

This is one _____ of DNA:



This is called a _____ DNA:

