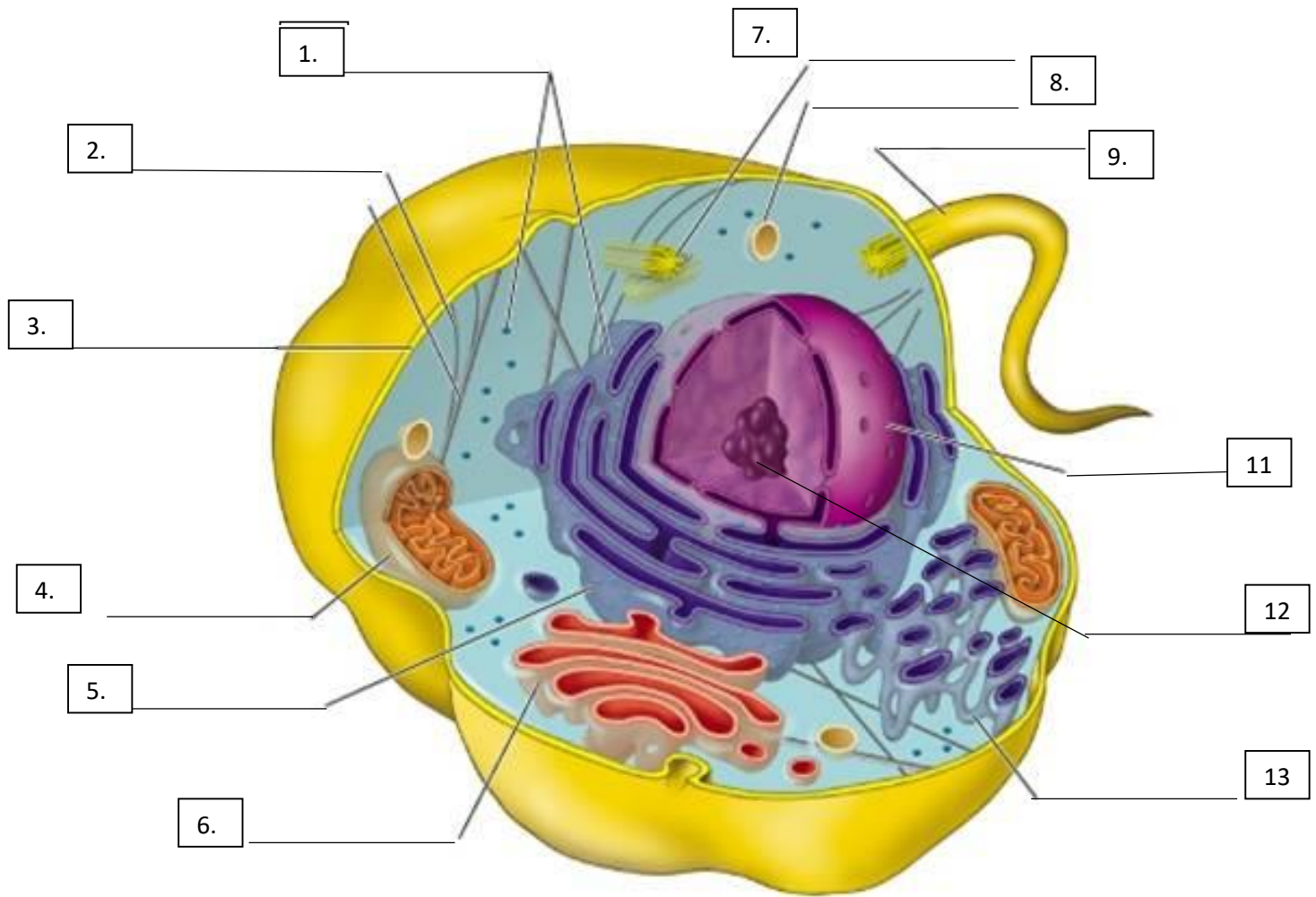


Name _____



14. Which organelle is responsible for protein synthesis?

15. Mitochondria is important for _____ production.

16. The _____ holds DNA and it's center, the _____ houses RNA.

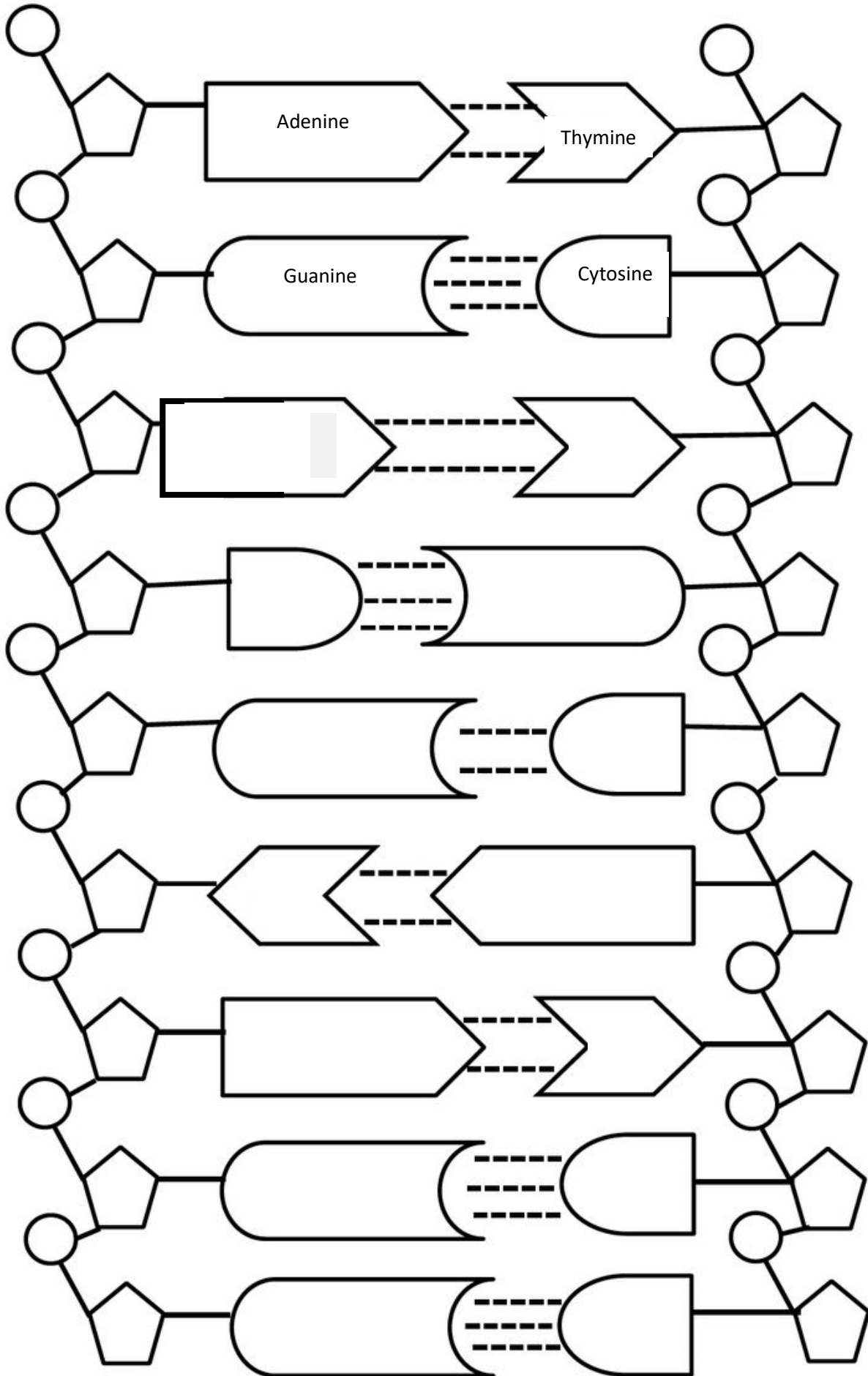
17. The _____ packages and modifies _____.

18. The _____ surrounds the cell.

Name _____

19. The rough endoplasmic reticulum has _____ on its surface.
20. Centrioles help with _____ of the cell.
21. _____ and _____ help the cell move.
22. The structure of the cell is made by the _____.
23. The cell cycle has 2 phases _____ and _____.
24. What happens during the G1 stage?
25. DNA replication happens during the _____ stage.
26. The enzyme _____ unwinds and unzips the DNA.
27. The enzyme _____ arranges the nucleotides to their correct pair.
28. The enzyme _____ binds the nitrogenous bases back together.
29. What happens during the G2 stage?
30. One of the main products of the cell is _____ which basically do everything in the body; create hormones, make new skin cells, etc.

Name _____



Write the name of the nitrogenous base in each space.

Then, Color
Cytosine = Red

Guanine = Blue

Adenine = Green

Thymine = Gray

Label the Sugars
D for Deoxyribose
and color them
oranges.

Label the
Phosphates P and
color them
yellow.