

# I. Types of RNA

Base that is in RNA but not DNA

Function: \_\_\_\_\_

Function: \_\_\_\_\_

3 bases at the bottom of this molecule

Function: \_\_\_\_\_

Ribosomes bind to the \_\_\_\_\_.

Ribosomes \_\_\_\_\_ the genetic code.

Ribosomes signal the \_\_\_\_\_ to build the protein.

# II. RNA Transcription

A: \_\_\_\_\_

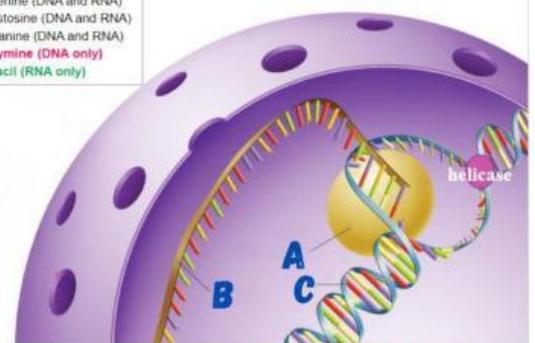
B: \_\_\_\_\_

C: \_\_\_\_\_

What is being made in this process?

\_\_\_\_\_

- Adenine (DNA and RNA)
- Cytosine (DNA and RNA)
- Guanine (DNA and RNA)
- Thymine (DNA only)
- Uracil (RNA only)

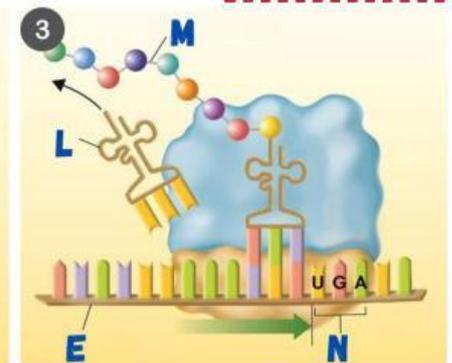
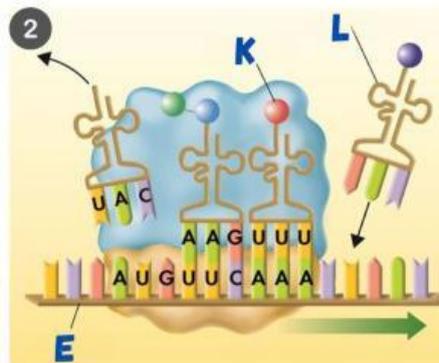
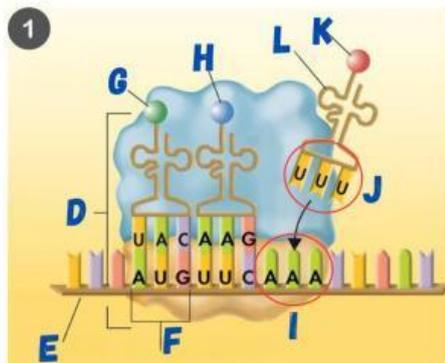


# III. RNA Translation

What is another name for RNA translation?

Where in the cell does this process occur?

What is the final product of translation?



D: \_\_\_\_\_ H: \_\_\_\_\_ L: \_\_\_\_\_

E: \_\_\_\_\_ I: \_\_\_\_\_ M: \_\_\_\_\_

F: \_\_\_\_\_ J: \_\_\_\_\_ N: \_\_\_\_\_

G: \_\_\_\_\_ K: \_\_\_\_\_