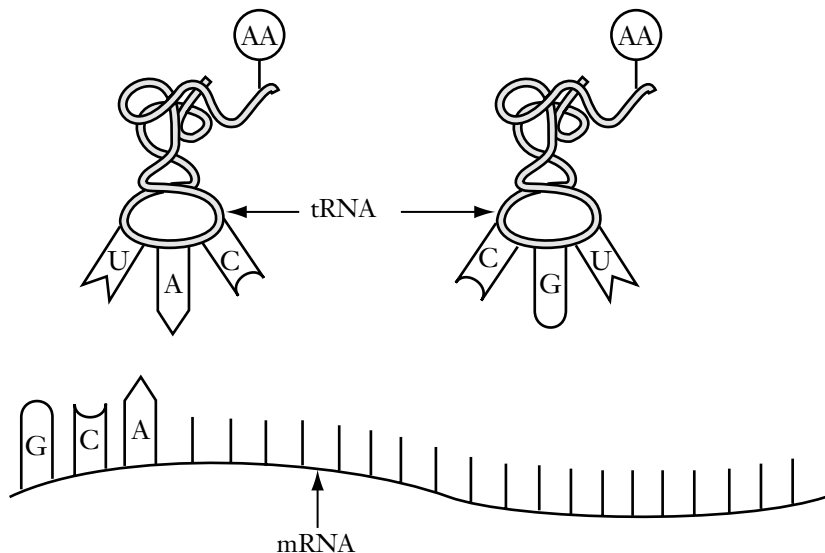


# CHAPTER 13 GENES AND CHROMOSOMES

## Section 13.2 From DNA to Protein

### Study the Diagram

The mRNA strand shown below is in the process of synthesizing—making—proteins from amino acids. tRNA molecules bring the amino acids to the mRNA strand. Circle the tRNA molecule that will attach to the mRNA strand. Remember, cytosine (C) pairs with guanine (G), and adenine (A) pairs with uracil (U).



Now look at the diagram again and answer the questions.

1. How did you know which tRNA molecule would attach to the mRNA strand?

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2. Suppose one of the bases on the mRNA was changed. Would the same tRNA molecule still attach to the strand? Explain your answer.

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