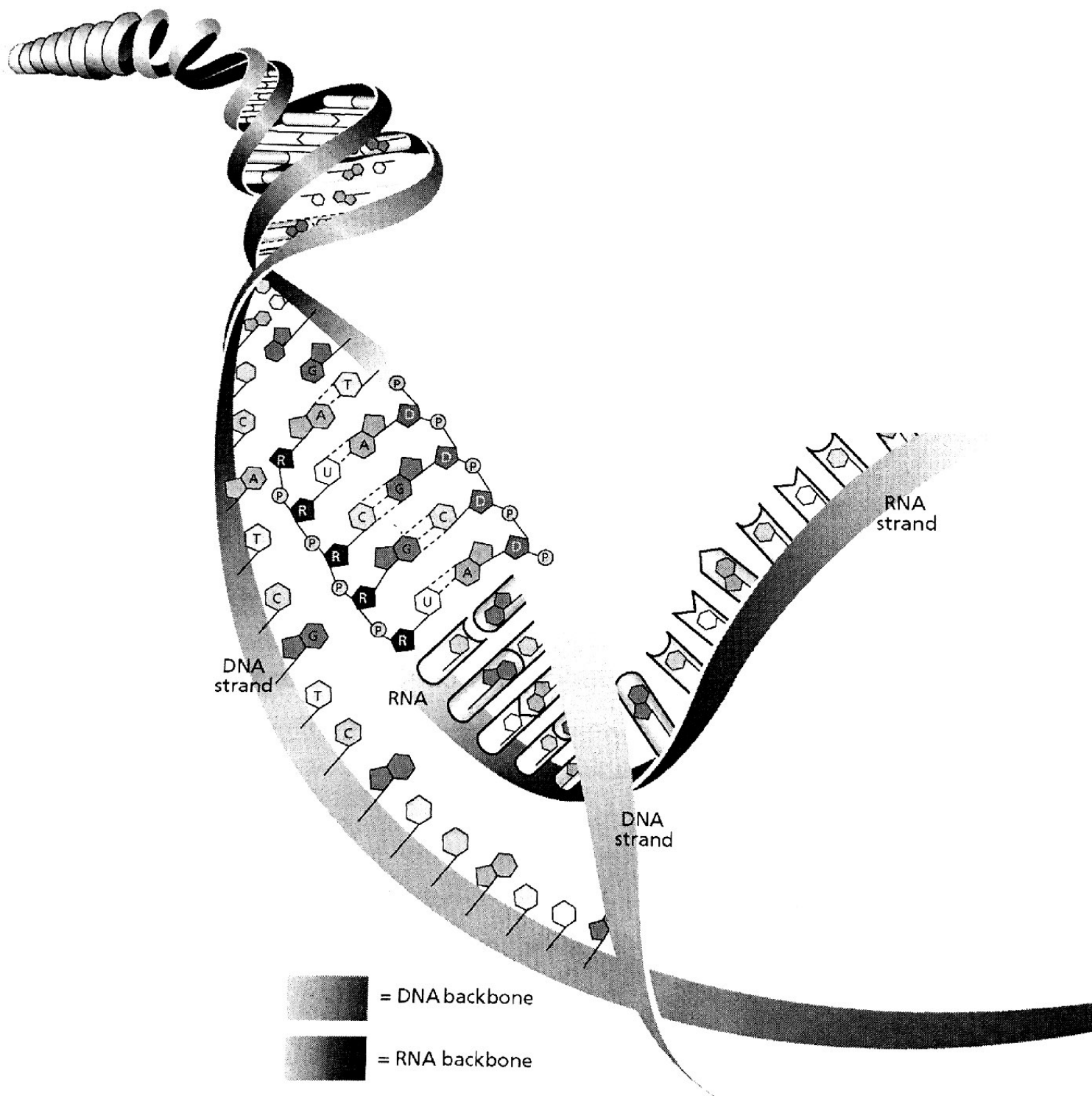


**Master  
17****DNA Transcription****Basic Concepts***Use with Chapter 11, Section 11.2*

## Worksheet

## 17

## DNA Transcription

## Basic Concepts

Use with Chapter 11, Section 11.2

1. How many strands of mRNA are transcribed from the two “unzipped” strands of DNA?  
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2. What are the three parts of an RNA nucleotide?  
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\_\_\_\_\_
3. How does base pairing differ in RNA and DNA?  
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4. What is the function of mRNA?  
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\_\_\_\_\_
5. What is a codon?  
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6. If a sequence of codons on a DNA strand is AAC TAG GGT, what is the corresponding sequence in a strand of mRNA?  
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7. Describe what occurs after the process of base pairing is completed.  
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8. Describe what occurs when a molecule of DNA “unzips.”  
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