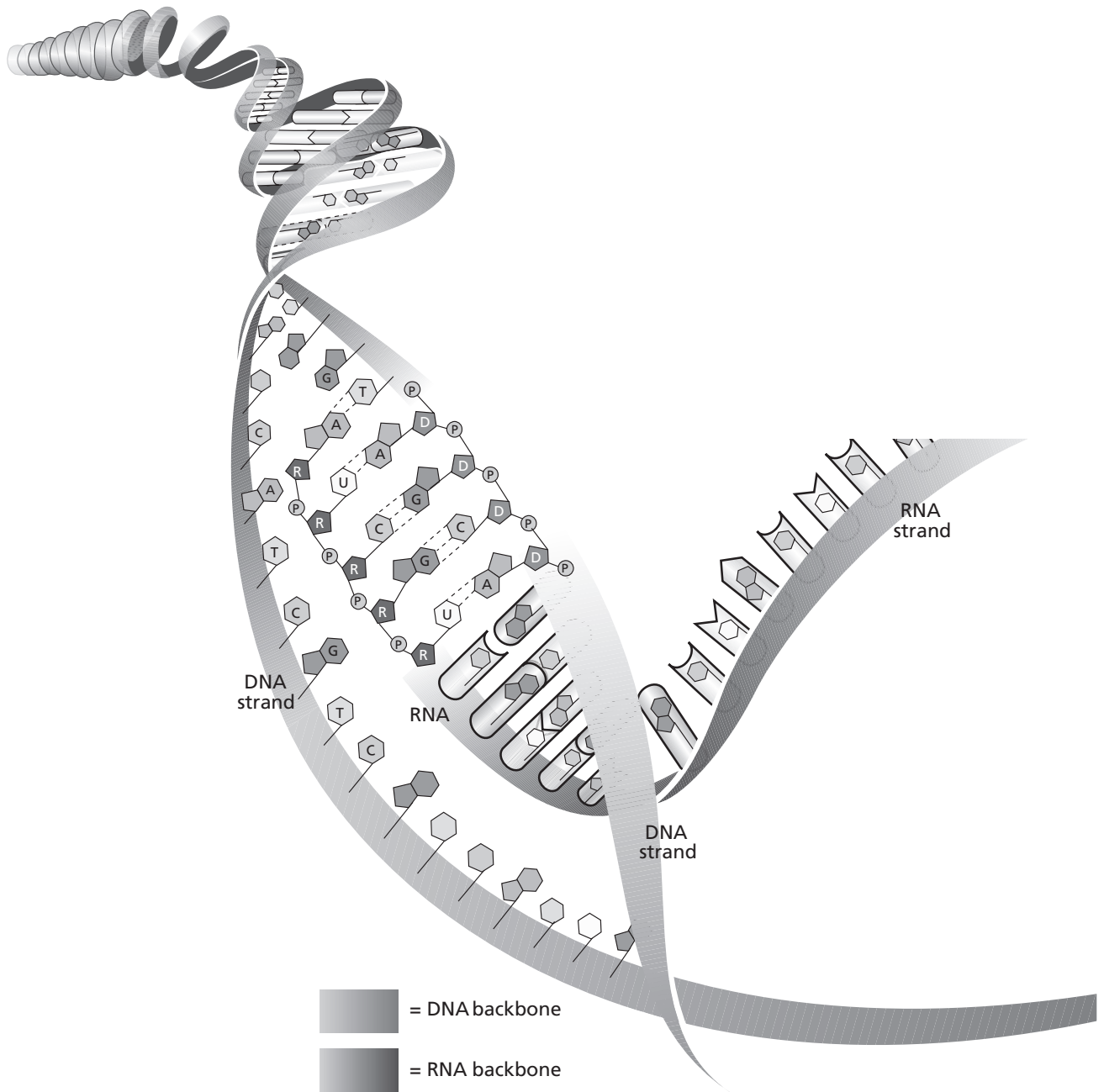


**Master  
17**

**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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