



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

TRNA

Allele

Selective breeding

Transcription

Sex chromosomes

Trait

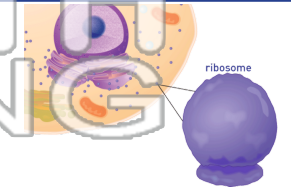
Ribosomes

Translation

1. \_\_\_\_\_ - the organelles that produce proteins needed by the cell



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LEARNING



2. \_\_\_\_\_ - selecting organisms as the parents that have desirable traits to produce offspring

3. \_\_\_\_\_ female



4. \_\_\_\_\_ down from

## PREVIEW

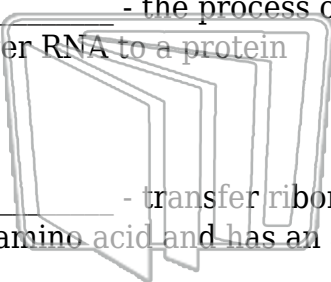
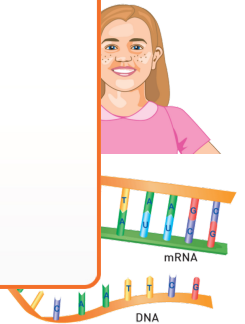
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5. \_\_\_\_\_ RNA

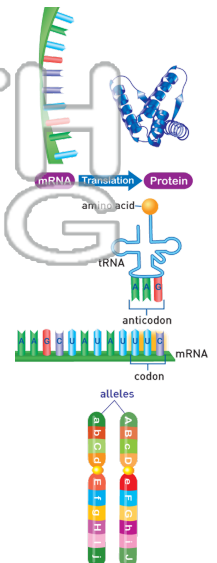
6. \_\_\_\_\_ - the process of converting the coded information on a messenger RNA to a protein

7. \_\_\_\_\_ - transfer ribonucleic acid, a strand of RNA that carries a specific amino acid and has an anti-codon region that pairs with mRNA codon

8. \_\_\_\_\_ - different forms of a gene



NEW PATH  
LEARNING





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TRNA

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Transcription

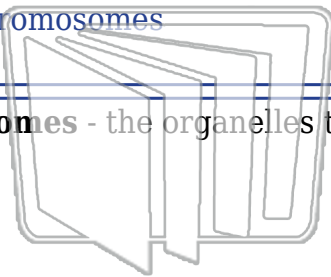
Sex chromosomes

Trait

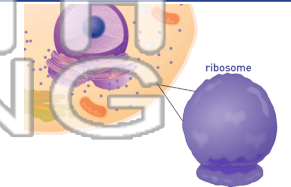
Ribosomes

Translation

1. **ribosomes** - the organelles that produce proteins needed by the cell



NEW PATH LEARNING



2. **selective breeding** - selecting organisms as the parents that have desirable traits to produce offspring

3. **sex chromosomes** - chromosomes that determine if an organism is male or a female



4. **trait** - a characteristic that is passed from parent to offspring

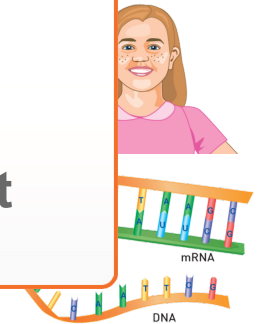
**PREVIEW**

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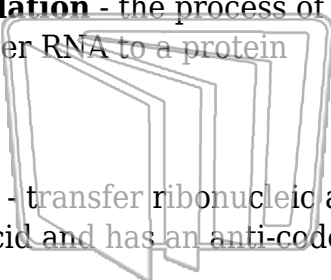
5. **transcription** - the process of copying a segment of DNA into messenger RNA

6. **translation** - the process of converting the coded information on a messenger RNA to a protein

7. **tRNA** - transfer ribonucleic acid; a strand of RNA that carries a specific amino acid and has an anti-codon region that pairs with mRNA codon



8. **allele** - different forms of a gene



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