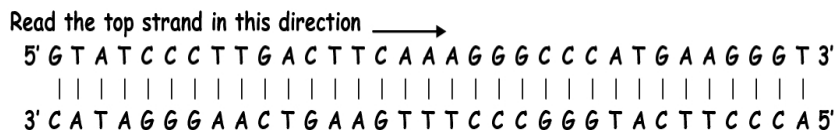


DNA Transcription and Translation

Name _____

Date _____ Period _____

- Directions:
- 1. Transcribe the DNA sequences below into mRNA.
 - 2. Use the codon table on the back to translate it to an amino acid sequence.
 - 3. Use the decoding chart to decode the message in the amino acid sequence.



← Read the bottom strand in this direction

Top Strand

DNA code: **G T A T C C C T T G A C T T C A A A G G G C C C A T G A A G G G T**

mRNA sequence: _____

Amino acid sequence: _____

Bottom Strand

DNA code: **A C C C T T C A T G G G C C C T T T G A A G T C A A G G G A T A C**

mRNA sequence: _____

Amino acid sequence: _____

Message:

_____ !