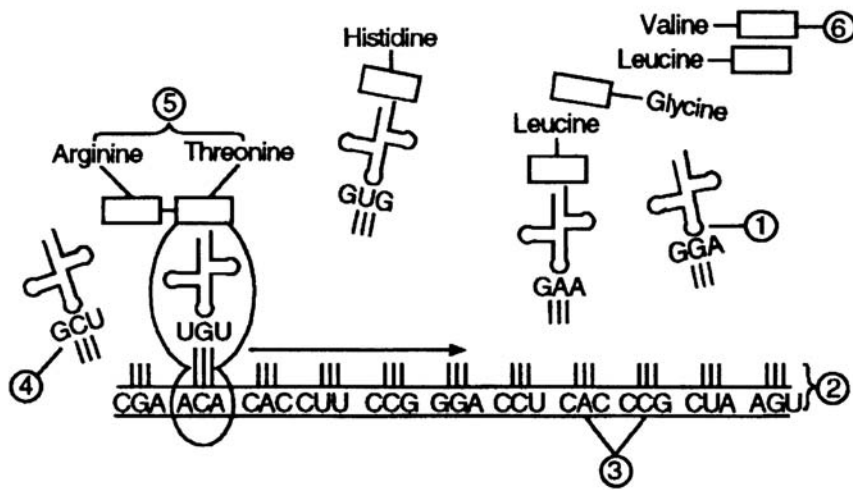


Name:

Date:

Period:

Biology: Understanding Translation



- Number 3 points to three nitrogen bases on a mRNA strand that code for an amino acid. These are called _____.
- Which number represents an anticodon? _____
- Number 1 points to a tRNA molecule. What is tRNA's job?
- Which number represents mRNA? _____
- Name the process that makes mRNA from DNA: _____
- Shade in the structure that represents the ribosome. Where are ribosomes found?
- What kind of polymer is being synthesized (made) at number 5?
- What is the end result of translation?
- Which amino acid will be added next to the polymer at number 5?
- How many different amino acids are there? _____
- Five of the codons on the messenger RNA strand above do not have tRNA molecules or amino acids in the picture. Use your text or the codon chart from another worksheet and find the amino acids.

mRNA codon: _____

amino acid: _____

tRNA anticodon: _____