

Name: \_\_\_\_\_

**QPCR Amplification, Transcription and Translation Activity**

1. The following strand of DNA needs to be amplified. Complete the complementary strand (new DNA).



2. Using the entire template strand (the bottom strand of the DNA from question 1), write the product of Transcription:

3. Given the mRNA strand above, write the protein sequence. Identify the start and stop codon(s) if present.

4. What would each ribosome be translating?