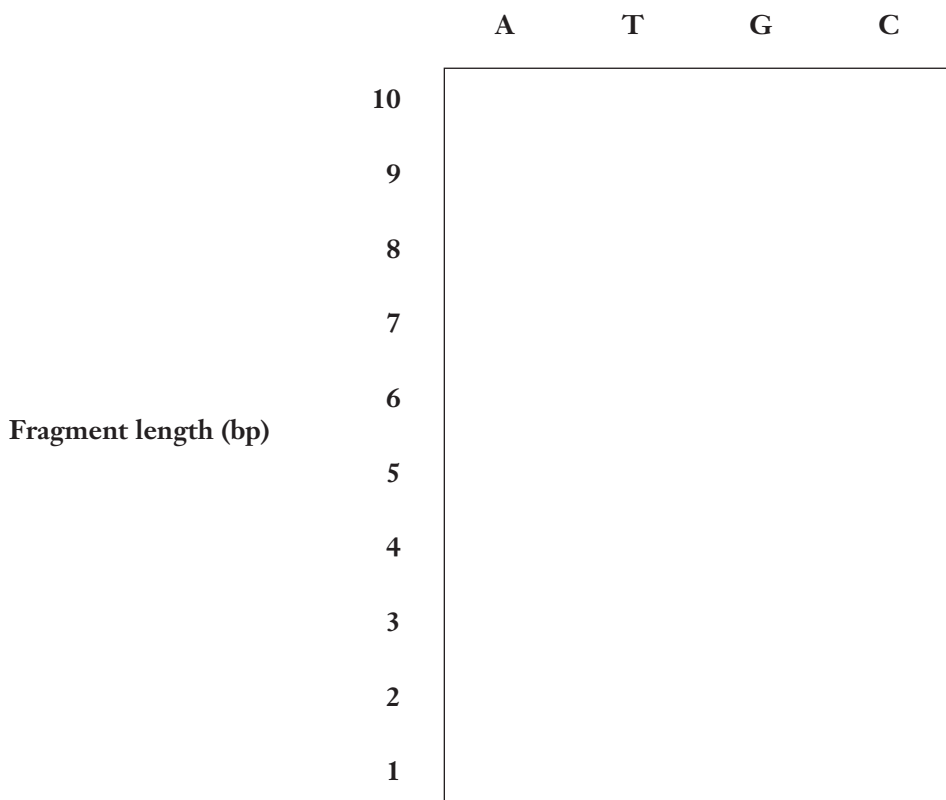


# DNA Sequencing Worksheet

**Part I.** Record fragment lengths possible for each dideoxynucleotide base.

Dideoxynucleotide Base	Fragment Lengths (bp) (excluding primer)
A	
T	
G	
C	

**Part II.** Draw a line for each fragment length for each dideoxynucleotide base type on the simulated electrophoresis gel below.

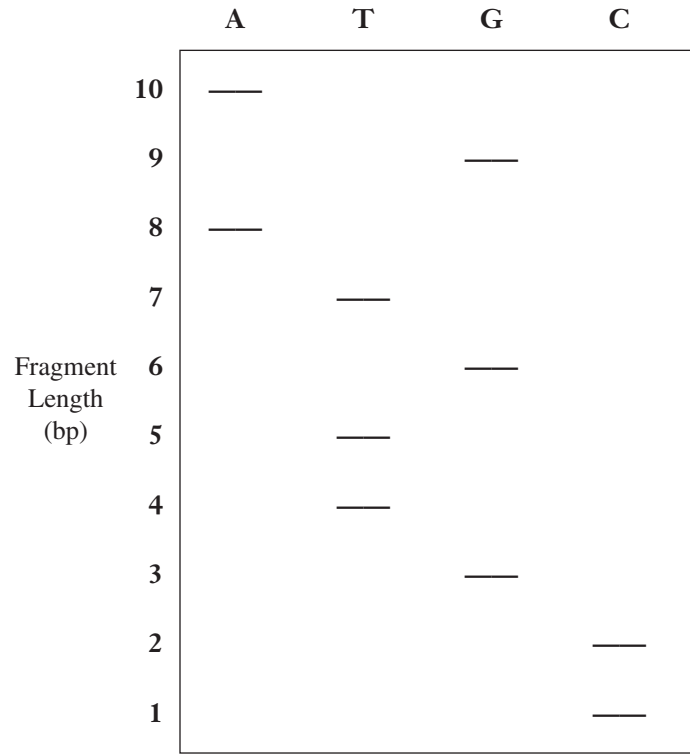
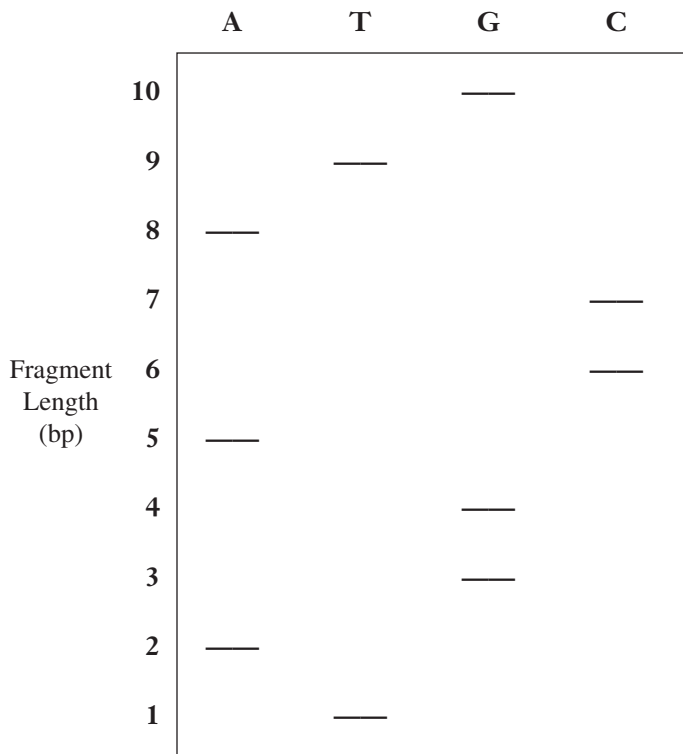


Write the sequence for the base pairs from this simulated electrophoresis gel.

\_\_\_\_\_

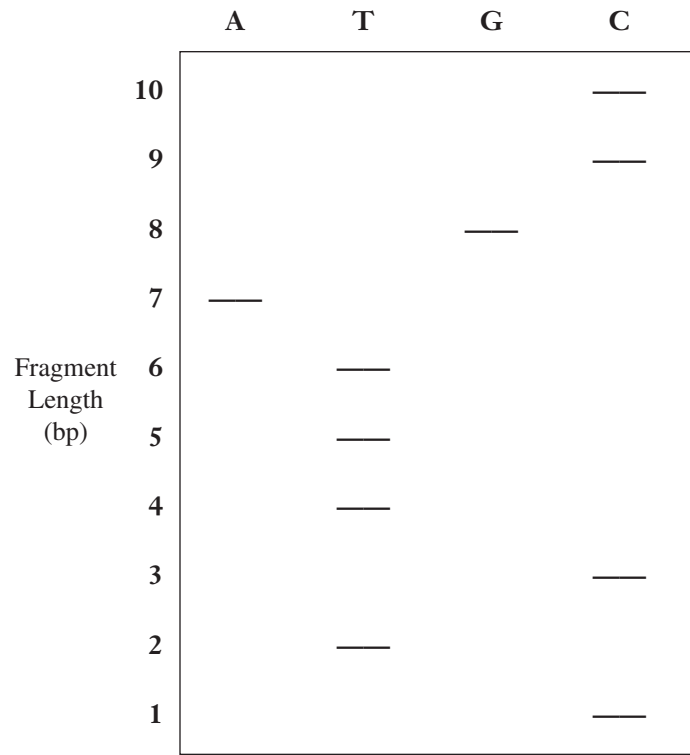
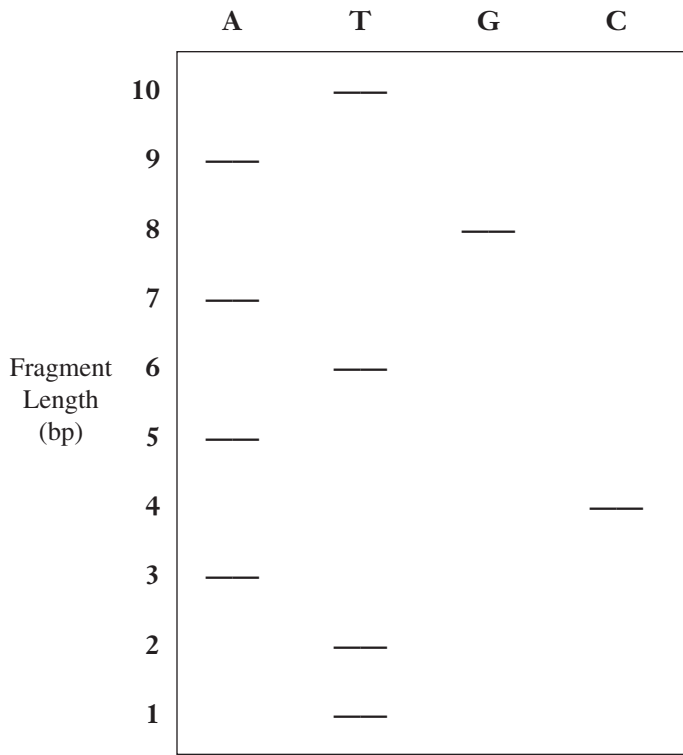
# DNA Sequencing Worksheet, Con't.

**Part III.** Write the sequence of bases shown by the following electrophoresis results.



Sequence \_\_\_\_\_

Sequence \_\_\_\_\_



Sequence \_\_\_\_\_

Sequence \_\_\_\_\_