What does a courtroom transcriptionist do?

What does a medical transcriptionist do?

Why is transcription a good name for creating RNA from DNA?

RNA uses the letter .......... instead of ..............

The RNA in transcription is called mRNA, or messenger RNA. Why is this an appropriate name?

RNA travels from the N................. to the R........................

Transcription can be switched on by transcription factors. When might a cell in your body need to switch on transcription?

A gene is transcribed in transcription. What is a gene? .................................................................

Transcribe the following DNA to RNA. Remember that A matches up with U instead of T:

A C A T G A T G C A G
Translation: RNA to Protein

The organelle where translation is performed is the R.

What does it mean to translate languages?

The tRNA is doing the translating in biological translation. What two ‘languages’ are being translated in biological translation?

tRNA stands for Transfer RNA. What is tRNA transferring to the ribosome?

The ribosome is kind of like an enzyme, in that it has little openings that important substrates fit into. What do we call these clefts in enzymes?

In translation, what is the role of the mRNA?

What is a codon?

Why is it important that different tRNAs have different anticodons on them?

Give an example of a protein that your ribosomes are making right now: