



What needs to happen before the translation of genes into proteins can occur?

**“Talking Transcription”:** Consider these new terms

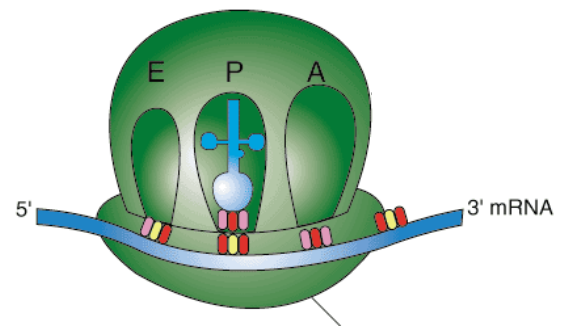
Codon	Amino acid	“A” site
Anticodon	Polypeptide	“P” site
Messenger RNA (mRNA)	Ribosome	“E” site
Transfer RNA (tRNA)	Large and small subunits	“Start” codon (AGU)
Ribosomal RNA (rRNA)	Initiation, elongation, termination	“Stop” codon (UAA, UAG, UGA)

**Translation Notes:**

**Initiation:**

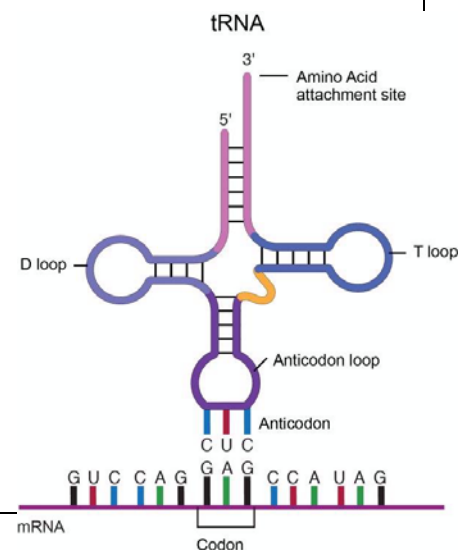
**Elongation:**

Ribosome –



Reading Frame –

Transfer RNA (tRNA) -



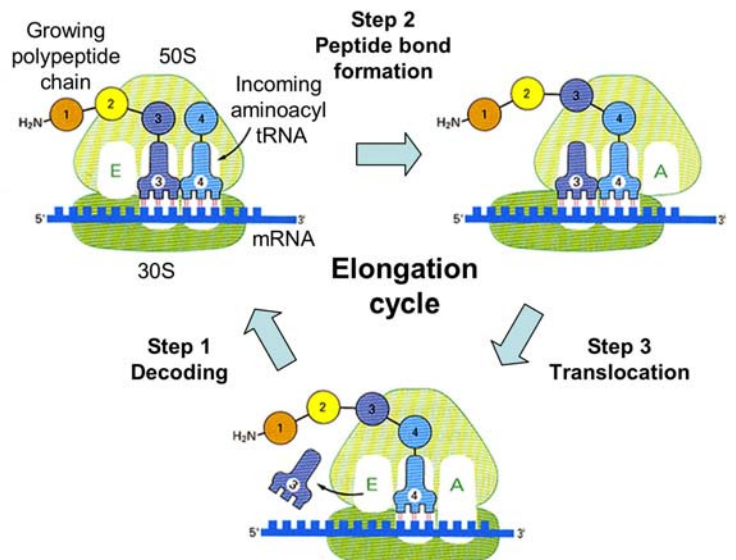
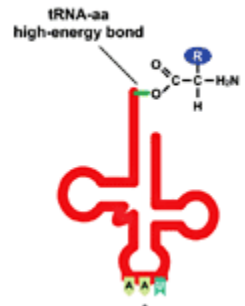
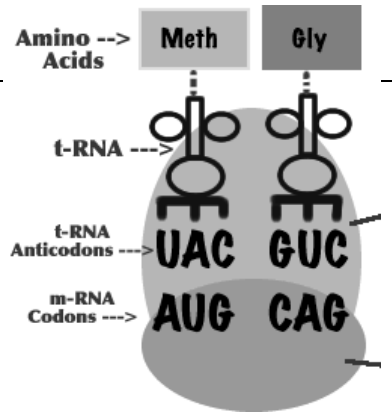
**Elongation:**

**Anticodons:**

**Aminoacyl tRNA –**

**Wobble Hypothesis -**

**The Steps:**



**Termination:**

**Modifications:**