

Unit 1 KA 3: Gene Expression

Draw a flowchart/ annotated diagram to show the **steps involved in translation.**

[Empty box for flowchart/annotated diagram of translation steps]

Define the terms **intron** and **exon**

[Empty box for defining intron and exon]

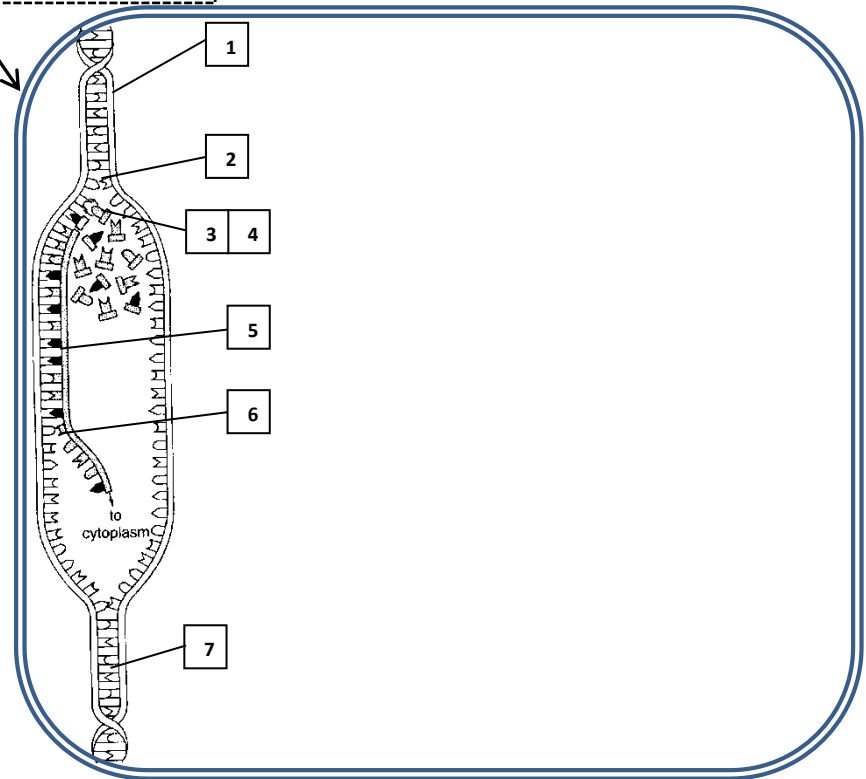
Write in a label or description for each, numbered, **step in transcription**

Which process creates **mature mRNA** from the primary transcript.

[Empty box for process creating mature mRNA]

Explain how **one gene** can code for **several proteins.**

[Empty box for explaining one gene coding for several proteins]



mRNA:
tRNA:

[Empty box for mRNA and tRNA]

Triplet of bases mRNA vs tRNA is called...

Site of translation

Sub-units that join together to form a **polypeptide.**

[Empty box for sub-units forming polypeptide]

Type of **bond** that joins amino acids together.

[Empty box for type of bond joining amino acids]

Three **differences** between **DNA** and **RNA.**

DNA	RNA

Sit of transcription and enzyme responsible

[Empty box for site of transcription and enzyme responsible]