

# EXERCISES

The diagram illustrates the process of protein synthesis. It begins with a DNA double helix being transcribed into a messenger RNA (mRNA) strand. The mRNA then moves to a ribosome, which is composed of a large subunit and a small subunit. The ribosome translates the mRNA by moving along it and attaching amino acids to a growing polypeptide chain. The completed polypeptide chain is then released from the ribosome.