1. Of the 26 letters of the English alphabet, circle the ones that symbolize naturally occurring amino acids regularly incorporated into proteins:

| A | B | C | D | E | F | G | H | I | J | K | L |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| M | N | O | P | Q | R | S | T | U | V | W | X |
| Y | Z |  |  |  |  |  |  |  |  |  |  |

2. Circle the letters that represent amino acids with amide functional groups:
$\begin{array}{llllllllllll}\text { A } & \text { B } & \text { C } & \text { D } & \text { E } & \text { F } & \text { G } & \text { H } & \text { I } & \text { J } & \text { K } & \text { L }\end{array}$ $\begin{array}{llllllllllll}\mathrm{M} & \mathrm{N} & \mathrm{O} & \mathrm{P} & \mathrm{Q} & \mathrm{R} & \mathrm{S} & \mathrm{T} & \mathrm{U} & \mathrm{V} & \mathrm{W} & \mathrm{X}\end{array}$
Y Z
3. Circle the letters that represent the aromatic amino acids:
$\begin{array}{llllllllllll}\text { A } & \text { B } & \text { C } & \text { D } & \text { E } & \text { F } & \text { G } & \text { H } & \text { I } & \text { J } & \text { K } & \text { L }\end{array}$

| $M$ | N | O | P | Q | R | S | T | U | V | W | X |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Y Z

