**Activity 38: Peptide Condensation and Hydrolysis**

***Learning Objectives***

*Recognize the functional group amide, which forms the peptide bond between amino acids*

*Draw the products of a biological condensation (between two amino acids, two monosaccharides, or three fatty acids and a glycerol)*

*Draw the products of a biological hydrolysis reaction*

**Estimated Completion Time** 20–30 Minutes

**Instructor Information**

This activity introduces peptides and reinforces condensation and hydrolysis.

**ANSWERS TO QUESTIONS**

1. Amide

2. Four; three

3.



4.



5. The esterification ordering of the fatty acids cannot be predicted.



Activity 38: Skill Development

1.

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2.

