

# PROBLEM SOLVING

## Lesson 1.8

Name \_\_\_\_\_

### Problem Solving • Comparison Problems with Addition and Subtraction

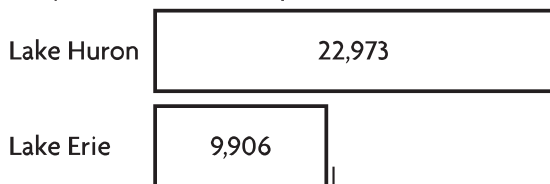
COMMON CORE STANDARD CC.4.NBT.4

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Use the information in the table for 1–3.

1. How many square miles larger is the surface area of Lake Huron than the surface area of Lake Erie?

**Think:** How can a bar model help represent the problem? What equation can be written?



$$22,973 - 9,906 = \underline{13,067} \text{ square miles}$$

Surface Area of the Great Lakes	
Lake	Surface Area (in square miles)
Lake Superior	31,700
Lake Michigan	22,278
Lake Huron	22,973
Lake Erie	9,906
Lake Ontario	7,340

**13,067 square miles**

2. Which lake has a surface area that is 14,938 square miles greater than the surface area of Lake Ontario? Draw a model and write a number sentence to solve the problem.

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3. Lake Victoria has the largest surface area of all lakes in Africa. Its surface area is 26,828 square miles. How much larger is the surface area of Lake Superior than that of Lake Victoria?

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4. At 840,000 square miles, Greenland is the largest island in the world. The second-largest island is New Guinea, at 306,000 square miles. How much larger is Greenland than New Guinea?

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