

Lesson 4 Homework Practice

Proportional and Nonproportional Relationships

- 1. ANIMALS** The world's fastest fish, a sailfish, swims at a rate of 69 miles per hour. Is the distance a sailfish swims proportional to the number of hours it swims?

FOSSILS Use the following information for Exercises 2 and 3.

In July, a paleontologist found 368 fossils at a dig. In August, she found about 14 fossils per day.

- 2.** Is the number of fossils the paleontologist found in August proportional to the number of days she spent looking for fossils that month?
- 3.** Is the total number of fossils found during July and August proportional to the number of days the paleontologist spent looking for fossils in August?