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?