## Proportional Relationships, Tables, and Equations

## 1 EXPLORE Discovering Proportional Relationships

A giant tortoise moves at a slow but steady pace. It takes the giant tortoise 3 seconds to travel 10.5 inches.
A Use the bar diagram to help you determine how many inches a tortoise travels in 1 second. What
operation did you use to find the answer?


B Complete the table.


D What do you notice about the ratios? $\qquad$
E Conjecture How do you think the distance a tortoise travels is related to the time?

## REFLECT

1a. Suppose the tortoise travels for 12 seconds. Explain how you could find the distance the tortoise travels.

1b. How would you describe the rate or speed at which a tortoise travels?

