

- **8.** A glacier in Alaska moves about 29.9 meters a day. About how much farther will it move in 1,000 days than it will move in 100 days?
- 9. For 9a–9e, choose Yes or No to indicate whether the product is correct.



Problem Solving · Applications

What's the Error?

10. Kirsten is making lanyards for a convention. She needs to make 1,000 lanyards and knows that 1 lanyard uses 1.75 feet of cord. How much cord will Kirsten need?

Kirsten's work is shown below.

- $1\times1.75=1.75$
- $10 \times 1.75 = 10.75$
- $100 \times 1.75 = 100.75$

 $1,000 \times 1.75 = 1,000.75$





Find and describe Kirsten's error.

Solve the problem using the correct pattern.



So, Kirsten needs ______ feet of cord to make 1,000 lanyards.

• **MTR** Describe how Kirsten could solve the problem without writing out the pattern.