

# Additional Practice 10-9

## Use Patterns and Structure to Make Connections

**Another Look!** Sam needs to paint his taxi number on his taxi. His number is the next greatest number in the pattern. What is Sam's taxi number?

First sort the numbers from least to greatest.

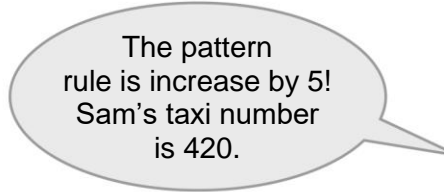


400, 405, 410, 415

Then look for a pattern and name the pattern rule.



The hundreds digit stays the same. The numbers increase by 5 each time.



The pattern rule is increase by 5! Sam's taxi number is 420.

**HOME ACTIVITY** Write the numbers 285, 265, 255, 275, and 245 on small pieces of paper. Ask your child to sort the numbers from least to greatest. Then ask your child to tell you the pattern rule and to find the next number in the pattern.



Look for a number pattern to solve.

1. First sort the numbers from least to greatest.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Then look for a pattern and name the pattern rule.

\_\_\_\_\_



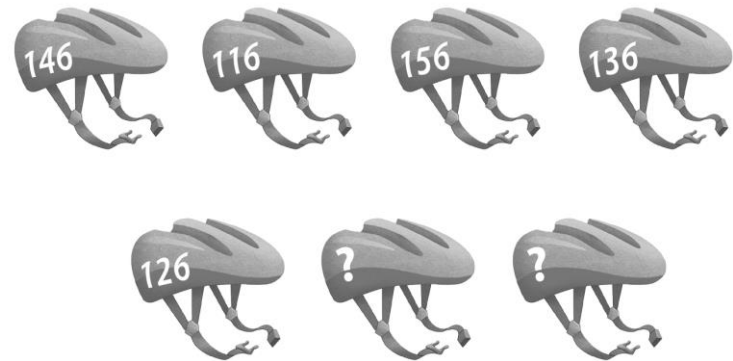
What number is next in the pattern? \_\_\_\_\_

## Performance Task

### Bicycle Race

Jack and Sara join the purple team for the bike race. Their bike numbers will be the next two greater numbers in the pattern.

Help them find their bike numbers.



**2. Use Patterns** List the bike numbers from least to greatest. 2.NSO.1.3, 2.NSO.2.2, MTR.5.1

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**3. Use Patterns** Look for a pattern and name the pattern rule. What are Jack's and Sara's bike numbers? 2.NSO.1.3, 2.NSO.2.2, MTR.5.1

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**4. Explain** Suppose new bike numbers are given in decreasing order. Then what numbers would Jack and Sara be given? Explain. 2.NSO.2.2, MTR.4.1

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Name \_\_\_\_\_



Practice Video Tools Games

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