



Name \_\_\_\_\_ Date \_\_\_\_\_

# Use Patterns

**TAKS Objectives 2, 6**  
**TEKS 4.7, 4.15A, 4.16A,**  
**4.14C**

Solve each problem.

1. The students at Logan Elementary School are selling gift wrap. One roll of gift wrap costs \$7, two rolls cost \$14, and three rolls cost \$21. If the pattern continues, what would 5 rolls cost?  

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2. Lisa has to find the sixth number in the pattern 42, 57, 72, 87. She thinks it is 102. Is Lisa correct? If not, what is the correct answer?  

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3. A basketball player sinks 3 baskets in every 5 throws. If the pattern continues, how many baskets will she sink after making 20 throws?  

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4. Carlos has to read 90 pages in a book. He reads 10 pages the first night, 14 pages the next night, and 18 pages the third night. If he continues this pattern, how many nights will it take him to read the 90 pages?  

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5. Eva is selling lemonade to raise money for a local charity. Her parents are giving her \$5 for each \$2 that she earns. How much money must Eva earn to raise at least \$25?  

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6. Jason went apple picking with his family. He picked 4 apples and had to throw away 1 rotten one. Then he picked 5 apples and had to throw away 1 rotten one. Then he picked 6 apples and had to throw away 1 rotten one. If this pattern continues, how many apples will he have in all after picking 8 apples?  

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