

## Problem Solving Strategy

### Find a Pattern

Use *find a pattern* to solve.

1. Quintin's pattern is 2, 5, 8, 11, 14, and 17. What is a rule? What are the next four numbers in his pattern?  
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2. Vernon's pattern is 12, 15, 19, 22, and 26. What is a rule? What are the next four numbers in his pattern?  
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3. Laura's pattern is 14, 24, 34, 44, and 54. What is a rule? What are the next four numbers in her pattern?  
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4. Marianne's pattern is 31, 36, 41, 46, and 51. What is a rule? What are the next four numbers in her pattern?  
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5. Sharon's pattern is 54, 51, 48, 45, 42, and 39. What is a rule? What are the next four numbers in her pattern?  
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6. Tom's pattern is 10, 12, 13, 15, 16, and 18. What is a rule? What are the next four numbers in his pattern?  
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7. The first number is 4. A rule is *multiply by 2 and then subtract 3*. What are the first 6 numbers in the pattern?  
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8. Melinda's pattern is 9, 7, 10, 8, 11, 9, and 12. What is a rule? What are the next four numbers in her pattern?  
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### Mixed Review

Round to the nearest thousand.

9. 7,803 \_\_\_\_\_ 10. 9,975 \_\_\_\_\_ 11. 9,099 \_\_\_\_\_

Write  $<$ ,  $>$ , or  $=$ .

12. \$5.67 \_\_\_\_\_ \$5.76 13. \$16.10 \_\_\_\_\_ \$16.09 14. \$4.89 \_\_\_\_\_ \$4.90

Find 100 more than the number.

15. 2,376 \_\_\_\_\_ 16. 45,903 \_\_\_\_\_ 17. 119,752 \_\_\_\_\_