

**Quiz 34** .....

1. The sum of the digits of a two-digit number is 10. When the digits are reversed, the number is increased by 18. What is the number?
  
  
  
  
  
  
  
  
  
  
2. Leah has \$3.60 in quarters and dimes. She has eight more dimes than quarters. How many of each type of coin does Leah have?
  
  
  
  
  
  
  
  
  
  
3. The sum of Max and Kate's ages is 32. Seven years ago, Max was twice as old as Kate. How old are they now?
  
  
  
  
  
  
  
  
  
  
4. A restaurant has 20 tables that can seat a total of 92 people. Some tables seat 4 people and the others seat 6 people. How many tables seat 4 people? How many tables seat 6 people?
  
  
  
  
  
  
  
  
  
  
5. Six muffins and three cookies cost \$10.20. Three muffins and a dozen cookies cost \$11.40. How much does a muffin cost, and how much does a cookie cost?