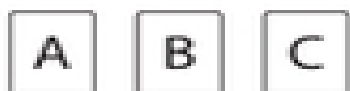# Place Value

1. Use the cards Ace through Nine of a suit. Imagine someone has a secret 3-digit number. Use these clues to find the number and the cards.

   The hundreds digit is half the ones digit.
   The sum of the tens digit and the ones digit is nine.

   | A | B | C |

2. Use the cards Ace through Nine of a suit. Imagine someone has a secret 4-digit number. Use these clues to find the number and the cards.

   The ones digit is six times the tens digit.
   The hundreds digit is twice the tens digit.
   The thousands digit is three times the hundreds digit.
   The sum of all four digits is 15.

   | A | B | C | D |

3. Use the cards Ace through Nine of a suit. Imagine someone has a secret 5-digit number. Use these clues to find the number and the cards.

   The ten thousands digit is three times the hundreds digit.
   The sum of the hundreds digit and the thousands digit is the ones digit.
   The thousands digit is two times the hundreds digit.
   The sum of all four digits is 31.

   | A | B | C | D | E |

4. Make up your own place value card puzzle. Record your problem and answer.