

# Subtract from 9

## Strategy for Grade 2/3

### Changing numbers to make them friendlier!

Use the compensation strategy when solving the subtraction problems below.

- Make sure you fill in the boxes to show your understanding of the compensation strategy.
- The first few boxes are filled in to help you get started.
- Remember to do the same thing to both numbers before solving the problem.

There is plenty of space for you to show how you solved the problem. You might use a number line to 'count-up' or you might solve using vertical columns.

1.  $\begin{array}{c} \boxed{+1} \\ \swarrow \\ 76 \end{array} - \begin{array}{c} \boxed{+1} \\ \searrow \\ 49 \end{array}$  becomes  $\boxed{77} - \boxed{50} = \boxed{\phantom{00}}$

2.  $\begin{array}{c} \boxed{\phantom{00}} \\ \swarrow \\ 43 \end{array} - \begin{array}{c} \boxed{\phantom{00}} \\ \searrow \\ 28 \end{array}$  becomes  $\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

3.  $\begin{array}{c} \square \\ \swarrow \\ 52 \end{array} - \begin{array}{c} \square \\ \swarrow \\ 17 \end{array}$  becomes  $\square - \square = \square$

4.  $\begin{array}{c} \square \\ \swarrow \\ 76 \end{array} - \begin{array}{c} \square \\ \swarrow \\ 49 \end{array}$  becomes  $\square - \square = \square$

5.  $\begin{array}{c} \square \\ \swarrow \\ 83 \end{array} - \begin{array}{c} \square \\ \swarrow \\ 37 \end{array}$  becomes  $\square - \square = \square$



## Extra Challenge!

Ask an adult to help you with a deck of playing cards (you can easily make 10 cards on scrap paper if you don't have playing cards at home):

- a. The Ace card is number 1 then you have the number cards up to 9.
- b. You only need 10 cards in total. Shuffle the cards.
- c. Pick two cards. This is your first two digit number. Write it down.
- d. Reshuffle. Pick two more cards. This is your second two digit number.
- e. Your challenge is to subtract the lower number from the higher number
- f. Repeat this five times. Use the compensation strategy to solve the problems.