

# Expanded Form Subtraction Practice



Dear Family Member:

Your child has been using a variety of strategies to solve subtraction problems. One of the paper-and-pencil methods introduced is the expanded-form method. Expanded form shows a number expanded into an addition statement. Seventy-three in expanded form is  $70 + 3$ . One hundred thirty-five in expanded form is  $100 + 30 + 5$ . It could also be written as  $100 + 20 + 15 = 135$ .

Thank you.

- Write the numbers in expanded form. Think about base-ten pieces.
  - $94 =$  \_\_\_\_\_
  - $285 =$  \_\_\_\_\_
  - $103 =$  \_\_\_\_\_
  - $117 =$  \_\_\_\_\_
- Circle the true number sentences.
  - $45 = 40 + 5$
  - $70 + 2 = 60 + 12$
  - $106 = 10 + 6$
  - $200 + 40 + 5 = 100 + 140 + 5$
  - $320 = 300 + 2$
  - $253 = 200 + 40 + 13$

3. Chris used expanded form to solve  $86 - 54$ .

$$86 = 80 + 6$$

$$54 = 50 + 4$$

$$\underline{\quad\quad\quad}$$

$$30 + 2 = 32$$

Solve  $98 - 25$  using expanded form.

$$98 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$$

$$\underline{\underline{25 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}}}$$

4. A. Mara started to use expanded form to solve a  $72 - 36$ . Finish Mara's work.

$$72 = 70 + 2 = 60 + 12$$

$$\underline{\underline{36 = 30 + 6 = 30 + 6}}$$

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

The plus signs in the problem just show the different ways the numbers are broken up.



Mara

- B. Does  $70 + 2 = 60 + 12$ ? \_\_\_\_\_  
 C. Explain why Mara wrote  $60 + 12$ .

5. Use the expanded form method to solve  $82 - 47$ .

$$82 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$$

$$\underline{\underline{47 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}}}$$