Paper-and-Pencil Addition

Homework

Dear Family Member:

Your child has been learning some different ways to solve addition problems using pencil and paper. We are reinforcing your child's growing understanding of the place value system. The two ways featured in this homework assignment are what we have called the expanded form method and the all-partials method. Examples of both are below.

Have your child explain them to you as he or she works these problems. You may have learned other ways to add, like the traditional algorithm. These methods will help your child develop conceptual understanding, flexibility, and fluency with multidigit addition.

Thank you.

Solve each problem using both ways. Look at the examples.

Example:	Expanded Form	All-Partials
61 + 28	61 = 60 + 1 + 28 = 20 + 8 80 + 9 = (89)	61 + 28 80 + 9 (89)

Expanded Form   **All-Partials**

1.   72
      + 16

Expanded Form   **All-Partials**

2.   27
     + 34

Expanded Form   **All-Partials**

3.   45
     + 59

Expanded Form   **All-Partials**

4.   68
     + 37

Expanded Form   **All-Partials**

5.   73
     + 85