



Addition Strategies:

Addition by Place Value

Once students understand place value, this is one of the first strategies they utilize. Each addend is broken into expanded form and like place values are combined. When combining quantities, children can work from left to right because the magnitude of the numbers is not changed.

$$23 + 48$$

Or using the partial sums algorithm:

Or using equations:

$$20 + 40 = 60$$

$$3 + 8 = 11$$

$$60 + 11 = 71$$

Adding One Numbers in Parts

Students begin with one of the addends and add up using numerical relationships such as tens and ones, make ten facts or landmark numbers.

$$23 + 48$$

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