

Addition

Specifically using add to with result unknown, put together with total unknown and put together with both addends unknown.

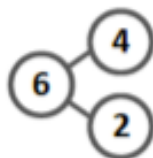
Addition & Subtraction Sentences

Equations

Example: $2 + 3 = 5$, $5 - 1 = 4$

Number Bond

Mathematical model representing a part part whole relationship.



Make 10

Combine two numbers that add up to make 10.

Example: 3 + 7 make 10

Minus

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Number pairs or partners

Embedded numbers.

Example: 5 and 3 are partners for 8.

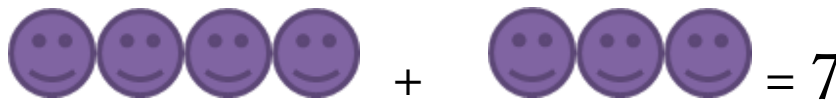
Part

Addend or embedded number.

$$\begin{array}{c} 4 + 1 = 5 \\ \uparrow \quad \uparrow \\ \text{Addends} \end{array}$$

Put together

Add.



Four purple smiley faces + three purple smiley faces = 7

Subtraction

Specifically using take from with result unknown.



Take apart

Decompose- How a whole can be broken up into parts.

Example: 6 can be decomposed into 4 and 2, 3 and 3, 1 and 5.

Take away

Subtract.



$$7 - 1 = 6$$

Whole

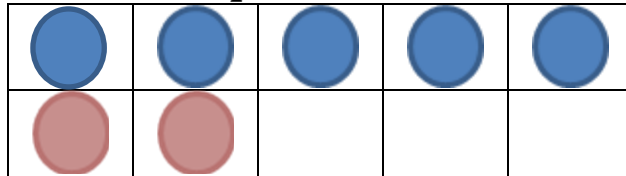
Total

In the example; 10 is 2 and 8. 10 is the whole.

5 group

5 + n patterns for numbers.

Example: 7 is 5 and 2.



Equals

=

Hidden partners

Embedded numbers.

Example: 3 and 2 make 5

Number sentence

$$3 = 2 + 1$$

Number Story

Stories with add to or take from situations.

Numbers 0 – 10

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Plus

+