

Number - Sample Lesson Plan

Grade: 1

Topic: Number Bonds

Subtopic: Three Part Number Bonds

Duration: 60 minutes

Specific Objectives: *By the end of the lesson, students should be able to*

- Separate a set containing between 3 and 10 objects into three distinct parts
- Write a number sentence to describe the separation of the set.
- Appreciate the opinions of others

Prerequisite Knowledge

Counting, Two Part Number Bond to 10,

Content Summary.

Number bonds are groups of numbers that add up to a certain number. A number can be broken down into separate parts in various ways, eg. $8 = 1 + 1 + 6$, $8 = 3 + 3 + 2$, $8 = 4 + 3 + 1$

Engage:

Provide students with the following task and counters:

How many ways can you break up the number 10 into two sets?

9 and 1
8 and 2

Explore and Explain:

- Place students in groups of twos and provide each group with 10 counters and a “Whole-Part-Part-Part” Mat.

There are 10 animals on a farm. Some are chickens, some are cows and some are goats. How many of each type of animal can there be?

- Groups will discuss and solve the problem using their counters and mats. They will represent their thinking using drawings.
- While groups are working, the teacher will walk around to provide guidance to the groups by asking questions. *Eg. Is there only one answer to the problem? Explain how you got that answer. Why did you place ___ counters there?*
- Groups will be asked to share their solutions and explain how they came up with the answer. The responses will be recorded on the board and a discussion facilitated to come up with the number sentences to match the solutions.

Elaborate/Extend:

Task: How many different ways can you break up the number 9 in three sets?

Set 1	Set 2	Set 3
1	2	6

Evaluate:

Students will complete the ***Fill In The Missing Numbers worksheet*** attached. They will use counters to find the missing numbers that makes the number sentence true.

Evaluation:

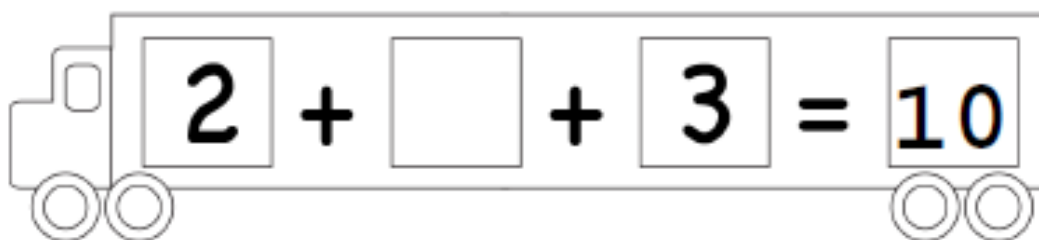
Whole-Part-Part-Part Mat

Part	Part	Part
Whole		

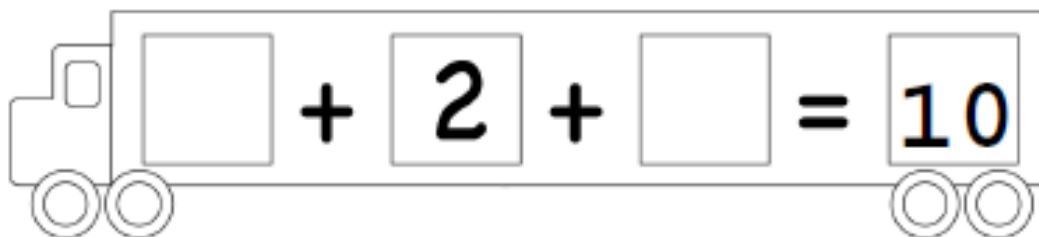
Missing Number Worksheet

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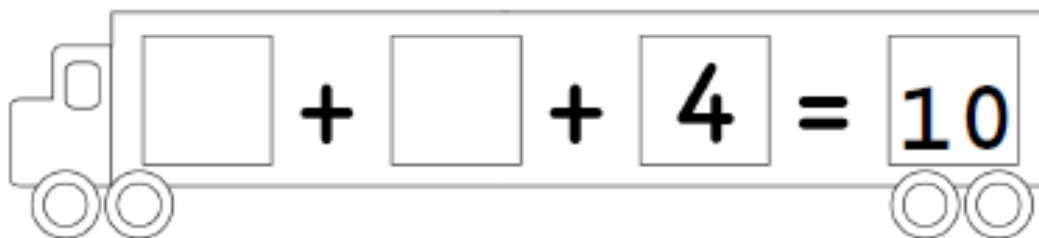
Adding 3 Numbers



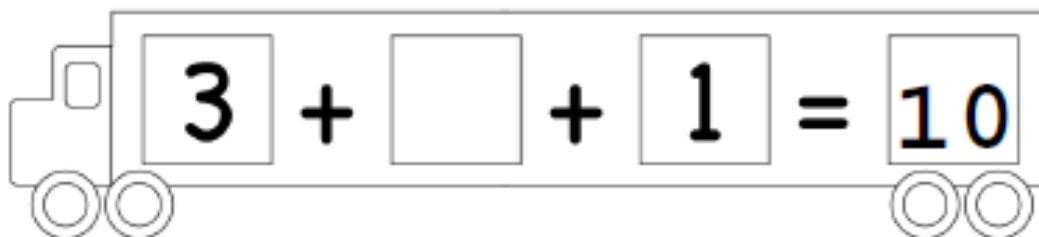
$2 + \square + 3 = 10$



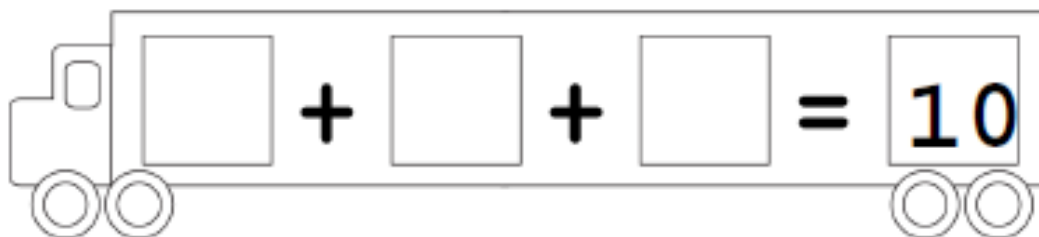
$\square + 2 + \square = 10$



$\square + \square + 4 = 10$



$3 + \square + 1 = 10$



$\square + \square + \square = 10$

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