

10-17-14

## Counters in a Cup

**Materials:** Counters (10–15)  
Counters in a Cup game grid  
Paper cup

**Players:** 2

**Object:** Figure out how many of a set of counters are hidden.

### How to Play

1. Decide how many counters to use each time. Write this total number on the game grid.
2. Player A hides a secret number of counters under the cup and leaves the rest out.
3. Player B figures out how many are hidden and says the number. Lift the cup to check.
4. On the game grid, write the number hidden in the cup and the number left out.
5. Players switch roles. Hide a different number of counters. (It's OK to hide the same number of counters more than once in a game.)
6. Repeat steps 2–5 until you have filled the game grid. (Hide the counters eight times.)

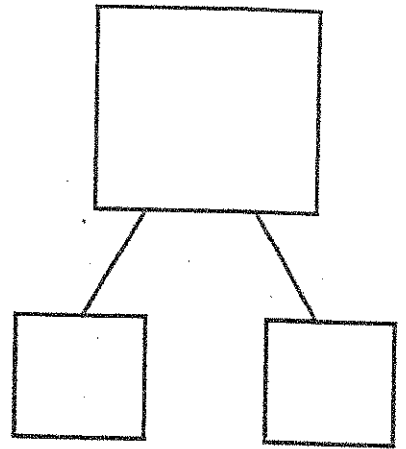
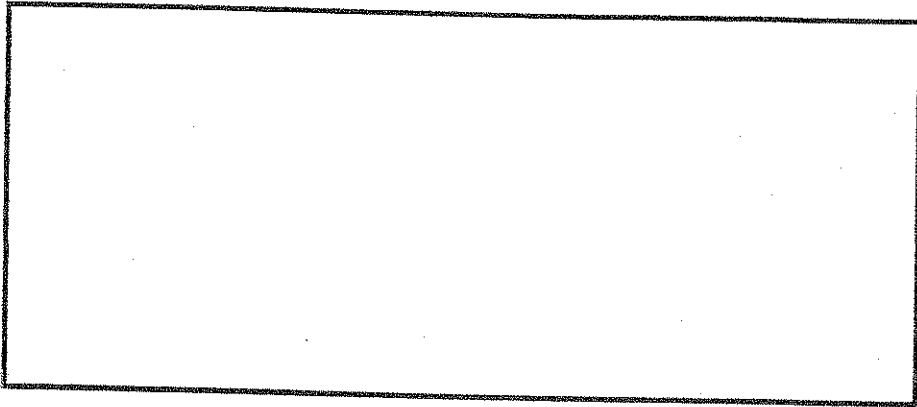
### Optional

Your filled game grid shows different ways to break the total number into two parts. Can you find a way that is not shown?

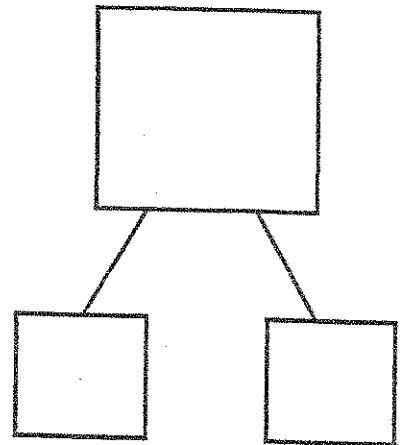
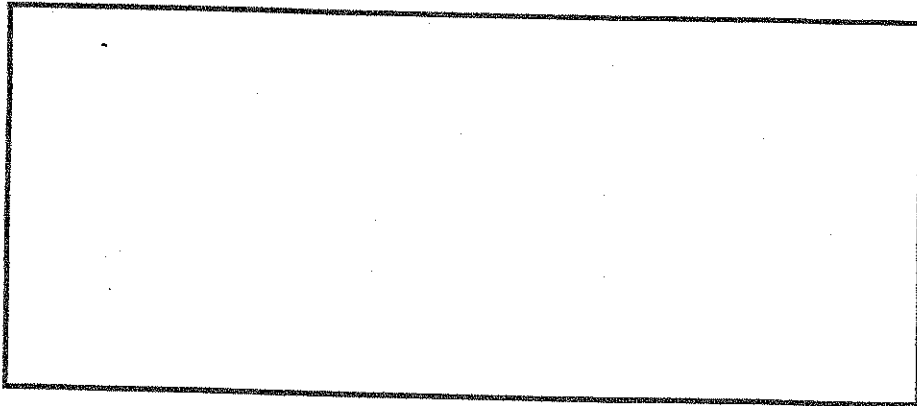


Use the number sentences to draw your own picture to tell a math story. Fill in the number bond.

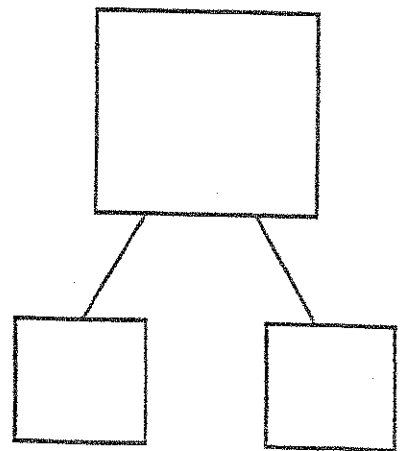
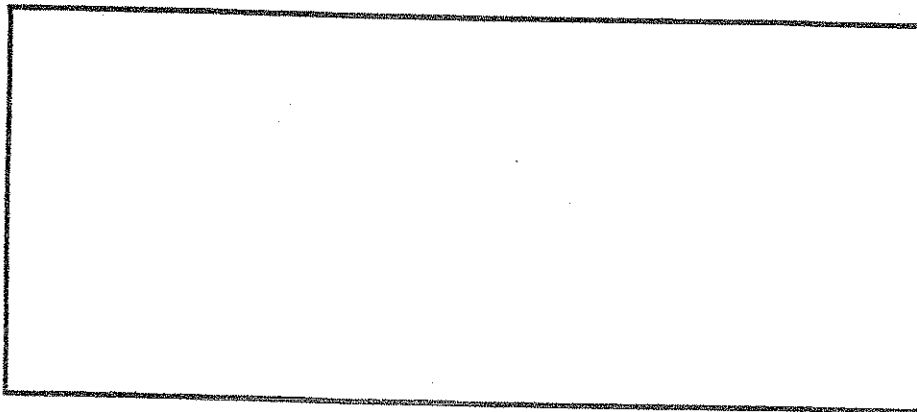
$$5 + 2 = 7$$



$$3 + 6 = 9$$

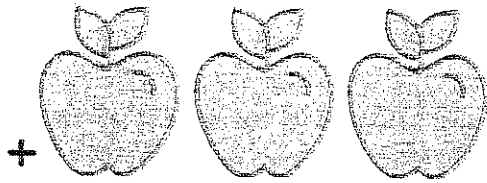


$$7 + ? = 9$$

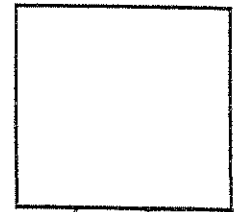


Find the missing number. Write a number sentence and number bond to match.

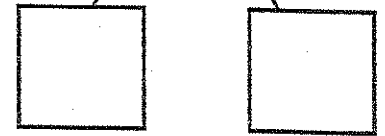
1. There were ten apples in all. Three were out of the bag. How many apples were in the bag?



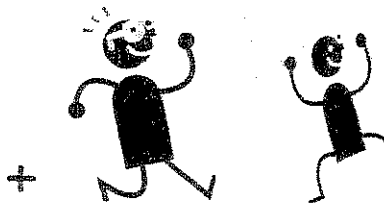
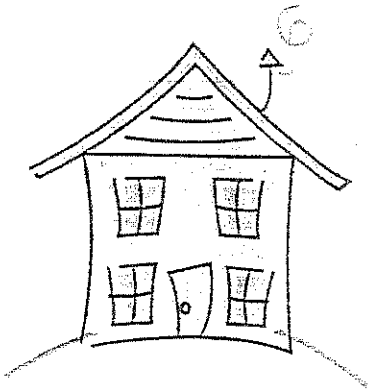
= 10 in all



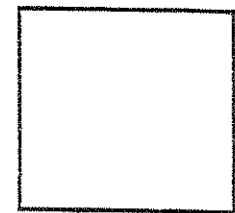
\_\_\_\_\_ + \_\_\_\_\_ = 10



2. There were 8 people in all. Some people were in the house and two were outside. How many people were in the house?



= 8 in all



\_\_\_\_\_ + \_\_\_\_\_ = 8

