

Addition

FOR TEACHERS

Content: Sums of single digit numbers, the sum not exceeding 9.

Materials required: Counters, numeral cards (1–9), square ruled sheets, crayons (two different colours for each child).

Learning outcome: Children are able to add two numbers, with their sum not exceeding 9. They recognise the symbol + (plus) for the operation of addition.

ACTIVITY

A. It is Teacher's Day. Joy and Kaveri have brought flowers for Anita ma'am.

1. How many flowers has Joy brought? Take out the matching number of counters.



2. How many flowers has Kaveri brought? Take out the matching number of counters.

3. Put all the counters together.

4. Joy and Kaveri wish Anita ma'am and give her the flowers. How many flowers does Anita ma'am have in total? Take out the matching number of counters.



5. Compare the counters in step 3 and step 4. What do you find?

B. Do the following activity.

1. See the numeral card. Take out as many counters. Keep them aside.



2. See this numeral card. Take out as many counters. Keep them aside.



3. Mix both the sets of counters kept aside. How many counters are there in all? Show the matching numeral card.

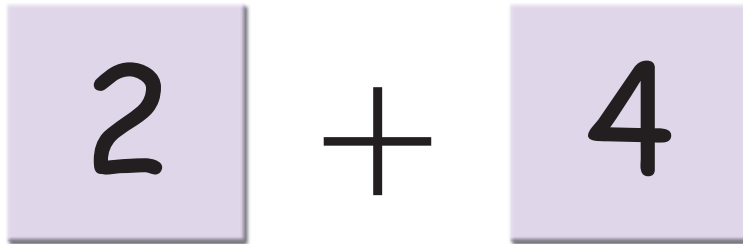
Is this the numeral card you have taken out?



So we know that, 6 counters and 3 counters make 9 counters.

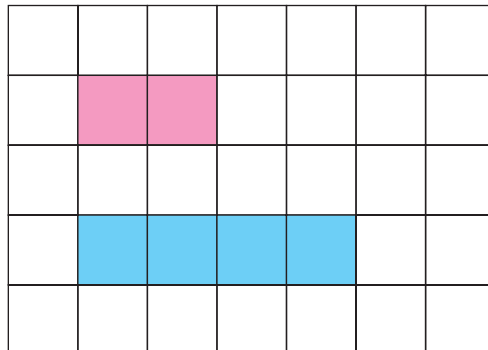
Or, $6 + 3 = 9$

C. Look at the two cards below.



- Take a square ruled sheet and a crayon.
- Colour as many squares as given in the first card.
- Now take a crayon with a different colour.
- Colour as many squares as given in the other card.

Your square ruled sheet would look like this.



- Count the total number of coloured squares.
- Now take out the matching numeral card for the total of all the squares you have coloured.



We can write this as, 2 squares and 4 squares make 6 squares.

Or, $2 + 4 = 6$

For teachers: Give them more such combinations of two numbers. Make sure that the sum does not exceed 9. Do the activity using both, the counters as well as the square ruled sheets.