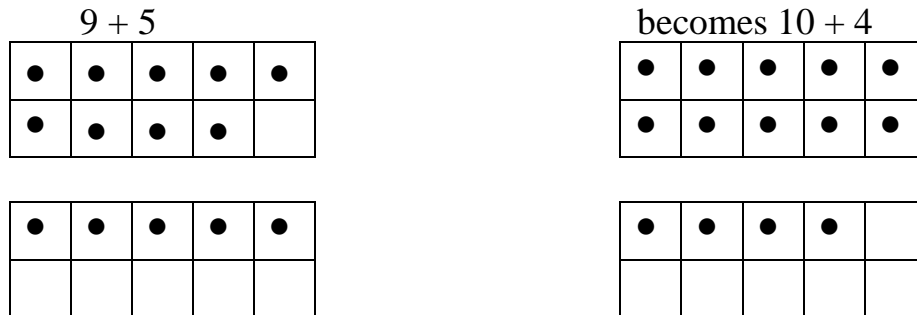


Adding 9

There are 2 very efficient strategies for adding 9:

1. Tell the students that the number 9 is like a giant vacuum cleaner and that it sucks up one number! Make a big deal out of it and make a loud sucking sound when you move the counter from the other ten-frame to the one with the nine to make a ten.

For example:



Lisa Zornes from Lewis County came up with this rhyme!

*A vacuum cleaner is a nine
It sucks up one every time!*

2. The second strategy is to have the students add 10 and then subtract 1.

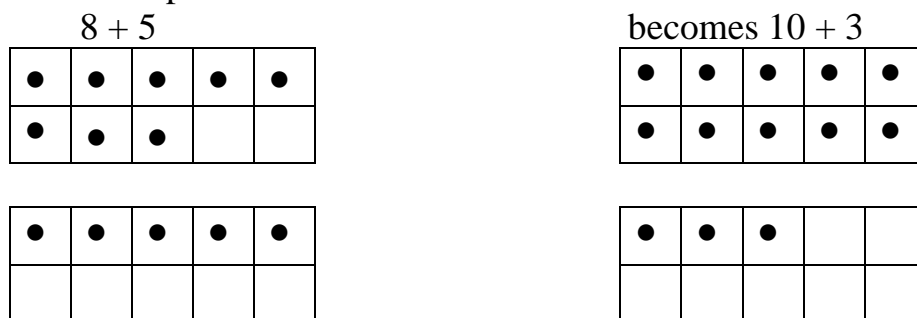
For example:

$9 + 5$ becomes $10 + 5$ and then you subtract 1

Adding 8

Eight is an even more powerful vacuum cleaner – it sucks up two numbers!

For example:



Lisa also came up with rhyme for adding 8

*A vacuum cleaner is like an eight
It sucks up two and thinks that's great!*

A second strategy for adding 8 is to add 10 and then subtract 2:

$8 + 5$ becomes $10 + 5$ and then you subtract 2