


Adding two digit numbers cheat sheet (Day three)



34 + 28 = 62

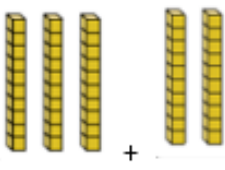
The diagram shows 34 represented by three tens rods and four ones units, and 28 represented by two tens rods and eight ones units. A blue plus sign is between them, and an equals sign followed by 62 is to the right.

Step 1 - Add the ones  = 12 ones

The diagram shows four ones units from the first number and eight ones units from the second number, totaling 12 ones. A blue circle highlights these 12 ones.

Step 2 - Exchange ten ones for one ten. 12 ones = 1 ten and 2 ones

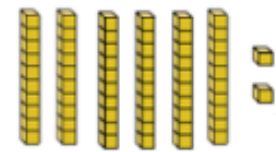
An arrow points from the 12 ones in the previous step to a single ten rod and two ones units, representing the exchange of 10 ones for 1 ten.

Step 2 - Add the tens  = 5 tens

The diagram shows five tens rods, representing the sum of the tens digits (3 + 2).

Step 3 - Combine the answers - 5 tens + 1 ten + 2 ones = 6 tens and 2 ones = 62.

An arrow points from the 5 tens and 1 ten + 2 ones in the previous step to the final result of 62, represented by six tens rods and two ones units.

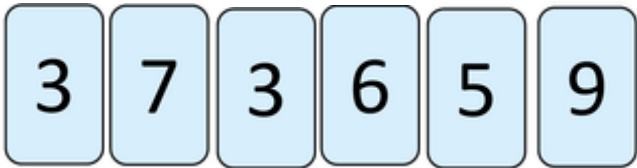


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Choose the problem that you are going to answer.

Make an addition calculation using all 6 number cards.

You can only have 2-digit numbers.



$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

How many different ways can you do it?

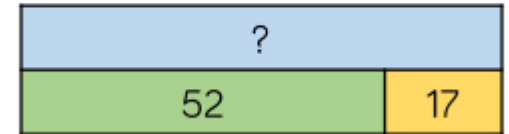
Fill in the missing numbers in the calculations below.

$$57 + 2\underline{\quad} = 85$$

$$\underline{\quad}3 + 5\underline{\quad} = \underline{\quad}2$$

$$2\underline{\quad} + \underline{\quad}4 = 7\underline{\quad}$$

Amir has been asked to complete the bar model.



The whole is 78
because $5 + 2 = 7$
and $1 + 7 = 8$

Explain to Amir what he has done wrong. How could you help him work out the correct total?