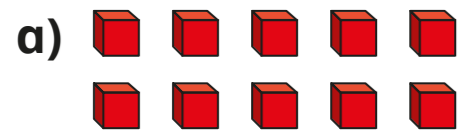


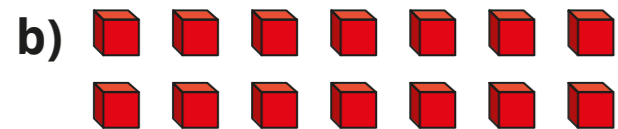
Add two 2-digit numbers (across a 10)



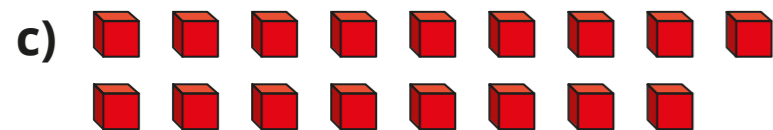
1 Count the ones and complete the sentences.



ones = ten



ones = ten and ones



ones = ten and ones

2

Tens	Ones
+	

Add the ones.

ones + ones = ones

ones = ten + ones

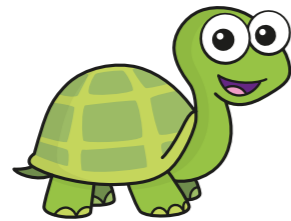
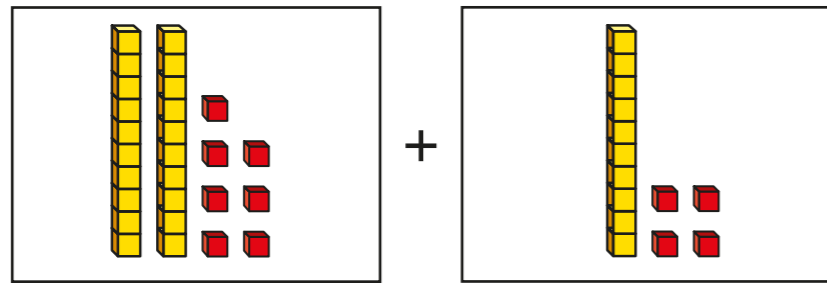
Add the tens.

tens + ten = tens

Complete the addition.

+ =

3



The answer is 311

What mistake has Tiny made?
Talk about it with a partner.

4

Use base 10 to complete the additions.

- | | |
|-------------------------------------|-------------------------------------|
| a) $7 + 4 =$ <input type="text"/> | f) $37 + 14 =$ <input type="text"/> |
| b) $10 + 30 =$ <input type="text"/> | g) $22 + 19 =$ <input type="text"/> |
| c) $17 + 34 =$ <input type="text"/> | h) $48 + 19 =$ <input type="text"/> |
| d) $19 + 21 =$ <input type="text"/> | i) $33 + 29 =$ <input type="text"/> |
| e) $18 + 64 =$ <input type="text"/> | j) $39 + 47 =$ <input type="text"/> |

5

Use base 10 to work out the additions.

- | | |
|-------------------------------------|----------------------------------|
| a) $16 + 47 =$ <input type="text"/> | $46 + 17 =$ <input type="text"/> |
| b) $36 + 57 =$ <input type="text"/> | $56 + 37 =$ <input type="text"/> |
| c) $76 + 17 =$ <input type="text"/> | $16 + 77 =$ <input type="text"/> |
| d) $27 + 56 =$ <input type="text"/> | $57 + 26 =$ <input type="text"/> |

What do you notice?
Why does this happen?

6

What could the missing digits be?
How many different answers can you find?

- a) $_9 + _3 = 62$
 b) $3_ + 2_ = 62$
 c) $3_ + _4 = 62$

Compare answers with a partner.