Add 2-digit and 3-digit numbers – crossing 10 or 100

1 Use the place value chart to work out 328 + 36

H	T	O

		H	T	O	
		3	2	8	
	+		3	6	

2 Work out the additions.

a) 572 + 45

H	T	O
100 100 100 100 100	10 10 10 10 10 10 10	1 1
	10 10 10 10	1 1 1 1 1

		H	T	O	
		5	7	2	
	+		4	5	

b) 754 + 66

H	T	O
100 100 100 100 100 100 100	10 10 10 10 10	1 1 1 1
	10 10 10 10 10 10	1 1 1 1 1 1

		H	T	O	
		7	5	4	
	+		6	6	

3 Work out the additions.

a)

		H	T	O	
		1	7	5	
	+		7	2	

b)

		H	T	O	
		3	0	7	
	+		8	4	

c) 35 kg + 239 kg

d) 845 + 72

e) 436 + 85

f) £739 + £68

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4 Ron works out 476 + 35

$$\begin{array}{r} 476 \\ +\ 35 \\ \hline 826 \\ \hline 1 \end{array}$$

What mistake has Ron made?

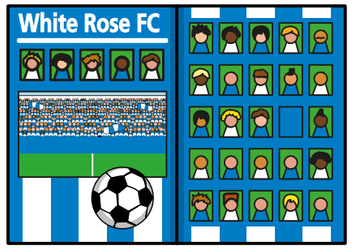
Work out the correct answer.

5 Alex collects stickers.

She has collected 286 stickers.

She only needs 69 more stickers to fill the album.

How many stickers does the album hold when full?



6 Here are some digit cards.

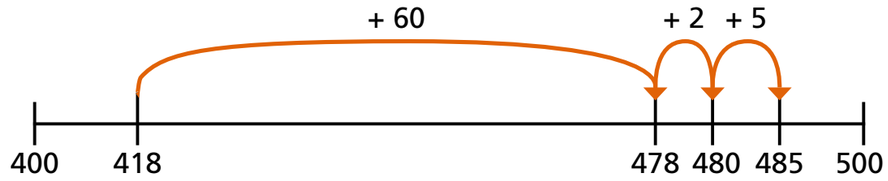
2	3	5	7	8

Arrange the digits to make two different additions that have just one exchange.

		H	T	O	
	+				

		H	T	O	
	+				

7 Mo uses a number line to work out an addition.

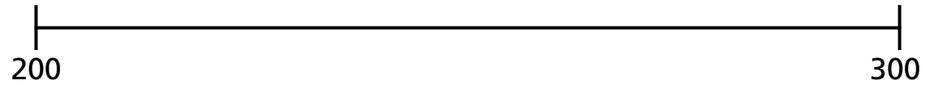


What addition has Mo worked out?

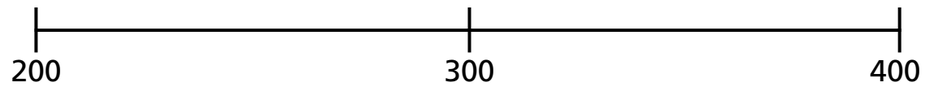
$$\square + \square = \square$$

8 Use the number lines to complete the additions.

a) 235 + 47 = ☐



b) 235 + 87 = ☐



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