

1 Work out the additions.

Use the place value chart to help you.

H	T	O

- a) $222 + 6$ b) $222 + 60$ c) $222 + 600$

What do you notice?

2 Work out the subtractions.

Use the place value chart to help you.

H	T	O

- a) $777 - 400$ b) $777 - 40$ c) $777 - 4$

What do you notice?

3 Work out the calculations.

- | | | | |
|----------------|----------------|---------------|----------------|
| a) $315 + 200$ | b) $748 - 200$ | c) $405 + 30$ | d) $635 - 300$ |
| $315 + 20$ | $748 - 20$ | $405 + 50$ | $635 - 500$ |
| $315 + 2$ | $748 - 2$ | $405 + 90$ | $635 - 600$ |

4 Amir makes this number on a place value chart.

H	T	O

- a) Amir adds some counters to the chart.
He now has the number 736
What counters did Amir add?
- b) Amir removes 3 counters from one of the columns.
What numbers could he have now?

5 Work out the missing number.



3 Work out the calculations.

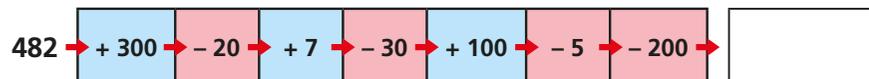
- | | | |
|----------------|----------------|---------------|
| a) $315 + 200$ | b) $748 - 200$ | c) $405 + 30$ |
| $315 + 20$ | $748 - 20$ | $405 + 50$ |
| $315 + 2$ | $748 - 2$ | $405 + 90$ |

4 Amir makes this number on a place value chart.

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

- a) Amir adds some counters to the chart.
He now has the number 736
What counters did Amir add?
- b) Amir removes 3 counters from one of the columns.
What numbers could he have now?

5 Work out the missing number.



6 Complete the sentences.

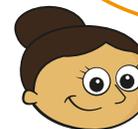
- a) 500 more than 238 is equal to
- b) 528 is more than 228
- c) 727 is less than 729
- d) 64 is less than 364
- e) 429 is 20 more than
- f) 429 is 20 less than

7 Here is a number machine.



- a) If 476 goes into the machine, what number comes out?
- b) If 476 comes out of the machine, what number went in?
How did you work this out?

8



When you add 3 tens to a number, the only column that changes is the tens column.

- Is Dora correct?
Explain your answer.