### LESSON 2

• Can I solve subtractions with numbers up to four digits? (Part 2)

## Fast five

- 1) Place these in order lowest to highest: 2783, 2873, 2378, 2738
- 2) 4675 + 1297 =
- 3)  $25 \times 14 =$
- 4) How many edges does a cube have?
- 5) 18.26 + 34.25 =

# Fast five Answers

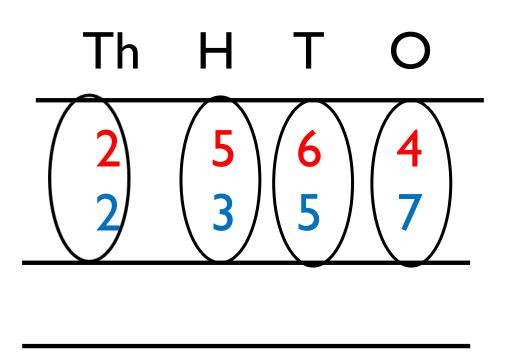
1) Place these in order lowest to highest: 2783, 2873, 2378, 2738

2378, 2738, 2783, 2873

- 2) 4675 + 1297 = 5972
- 3)  $25 \times 14 = 350$
- 4) How many edges does a cube have? 12
- 5) 18.26 + 34.25 = 52.51

$$2564 - 2357 =$$

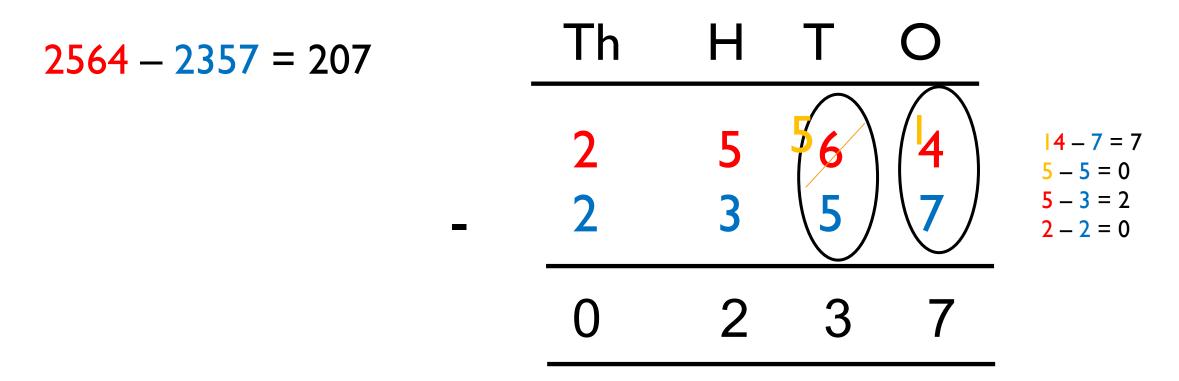
Once the numbers are in the correct positions, we subtract the numbers in each column!



We cannot do 4 - 7 without getting a negative number.

We therefore **regroup** and take one of the tens and add it to the 4 ones to make 14 (10 + 4 = 14).

This reduces the number in the tens column from 6 to 5.

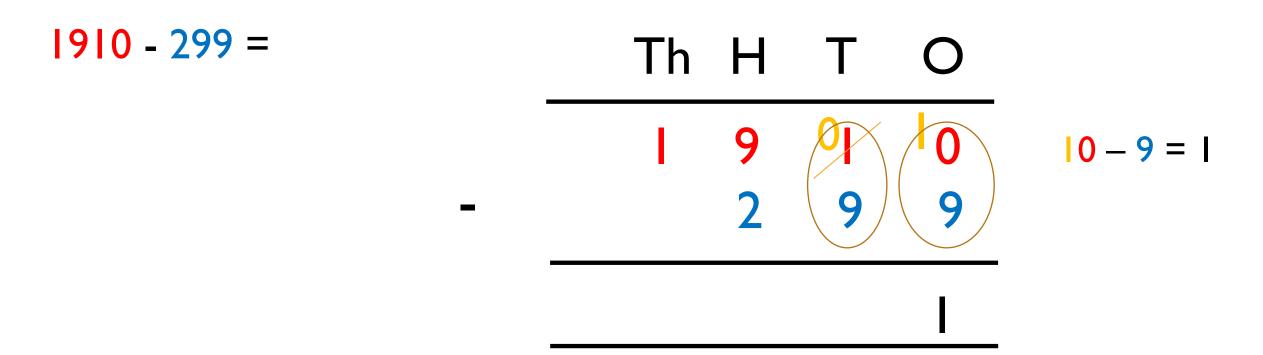


#### 1910 - 299 =

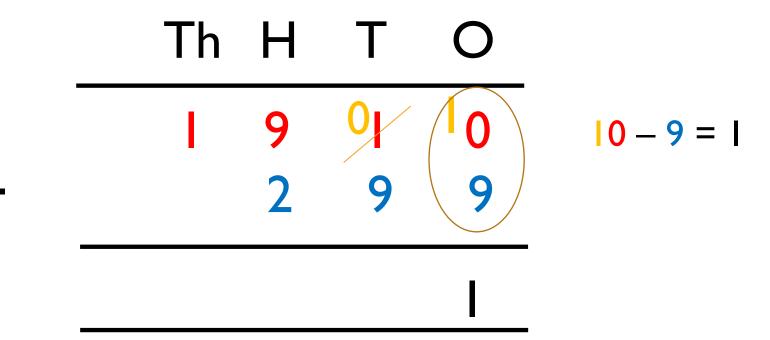
Once the numbers are in the correct positions, we subtract the numbers in each column!

Th	Н	T	0
1	9		0
	2	9	9

Here 0 - 9 cannot be done and so we regroup. We take the ten and regroup it (0 + 10 = 10) We are now left with 0 tens left.



1910 - 299 =

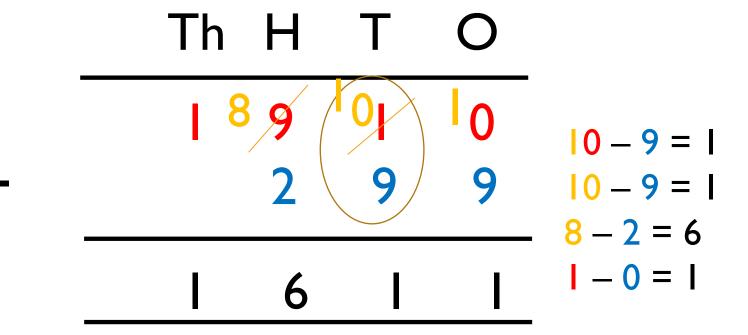


Here though we are left with the same problem again.

0 – 9 cannot be done and so we regroup again.

We take one of the hundreds and regroup it (0 + 10) = 10We are now left with 8 tens left.

1910 - 299 = 1611



We cannot do 5 - 6 without getting a negative number.

We therefore **regroup** and take one of the tens and add it to the  $\frac{5}{5}$  ones to make  $\frac{15}{5}$  (10 + 5 = 15).

This reduces the number in the tens column from 4 to 3.

We cannot do 5 - 6 without getting a negative number.

We therefore **regroup** and take one of the tens and add it to the  $\frac{5}{5}$  ones to make  $\frac{15}{5}$  (10 + 5 = 15).

This reduces the number in the tens column from 4 to 3.

We cannot do 3 - 5 without getting a negative number.

We therefore **regroup** and take one of the hundreds and add it to the 3 tens to make 13 (10 + 3 = 13).

This reduces the number in the tens column from 6 to 5.

We cannot do 3 - 5 without getting a negative number.

We therefore **regroup** and take one of the hundreds and add it to the 3 tens to make 13 (10 + 3 = 13).

This reduces the number in the tens column from 6 to 5.

### Subtraction when using zeros

•https://safeYouTube.net/w/UKL3

We start on the right side looking at the ones.

However, 0 - 7 cannot be done.

So we need to regroup.

However, there are 0 tens.

We therefore have to regroup one of the hundreds into tens and then into ones.

1900 - 687 =	Th_	Н	Т	0	
	1	9	0	0	
	0	6	8	7	

We start on the right side looking at the ones.

However, 0 - 7 cannot be done.

So we need to regroup. However, there are 0 tens.

We therefore have to regroup one of the hundreds into tens and then into ones.

The hundreds go down from 9 to 8.

The tens go up from 0 to 10 and then down from 10 to 9.

1900 - 687 = 1213

Th	Н	Т	0	
<b>I</b> 0	89	910	0 7	10 - 7 = 3 9 - 8 = 1 8 - 6 = 2
	2	1	3	I - 0 = I

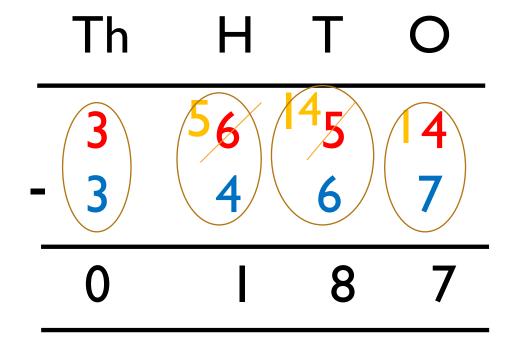
$$3654 - 3467 = 187$$

$$14 - 7 = 7$$

$$14 - 6 = 8$$

$$5 - 4 = 1$$

$$3 - 3 = 0$$



#### **Activity:**

Solve the questions from the question sheet. Try to challenge yourself.

#### Tips:

- Ensure you have the numbers in place order to start with.
- When subtracting, **start** on the **right** (ones) before moving left.
- Don't forget that if you complete a subtraction and get a negative number **regroup**.