Summer week 2 Lesson 2

Can I subtract with 3 digits and word problems?

Fast Five - answers are on the next slide!1) What is double 45?

- 2) What is the name of this quadrilateral?
- 3) 7 x 500 =



- 4) 20 x 30 =
- 5) Mully is hiding behind the largest multiple of 6 without going past 43. Where is Mully?

- Fast Five answers
- 1) What is double 45? 90
- 2) What is the name of this quadrilateral? Kite
- 3) 7 x 500 = <mark>3500</mark>



5) Mully is hiding behind the largest multiple of 6 without going past 43. Where is Mully? 42

469 - 312 =



469 - 312 =

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

Th H T O $\begin{pmatrix} 4\\ 3 \end{pmatrix} \begin{pmatrix} 6\\ 1 \end{pmatrix} \begin{pmatrix} 9\\ 2 \end{pmatrix}$







648 - 213 =

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

Th H T O $\begin{pmatrix} 6\\ 2 \end{pmatrix} \begin{pmatrix} 4\\ 1 \end{pmatrix} \begin{pmatrix} 8\\ 3 \end{pmatrix}$







On scrap paper or the back of your book try this question! The answer is on the next slide!

793 - 303 =



On scrap paper or the back of your book try this question! The answer is on the next slide!

When subtracting, sometimes the number we are trying to subtract is bigger than the original number. When this happens, we have to exchange with the number in the next column.

 $\begin{array}{c} 652 - 217 = \\ & Th & H & T & O \\ & & 6 & 5 & 2 \\ - & & 2 & 1 & 7 \end{array}$

2 - 7 =

7 is larger than 2, so we need to exchange from the next column along, the tens column.

Th H T O 6 45 2 2 1 7

We take 1 ten (10 ones) from the 50, which leaves 40.

2-7 → **12-7**

And add the 10 onto the 2 to make 12.

12 - 7 = 5

 Th
 H
 T
 O

 6
 45
 12

 2
 1
 7

Once we've completed the subtraction from the ones column, we move onto the tens column. If we have exchanged, we need to remember to use the NEW number, not the original one!



652 - 217 = 435

6 - 2 = 4

Th H T O 6 45 12 2 1 7 4 3 5

When subtracting, sometimes the number we are trying to subtract is bigger than the original number. When this happens, we have to exchange with the number in the next column.

4 is larger than 1, so we need to exchange from the next column along, the tens column.

We take 1 ten (10 ones) from the 20, which leaves 10.

And add the 10 onto the 1 to make 11.

So 1 - 4 → 11 - 4 = 7

Th н т We take 1 hundred (10 tens) from the 400, which leaves 300.

9 is larger than 1, so we need to exchange from the next column along, the tens column.

н т

34 11**2**

Th

And add the 100 onto the 10 to make 110.

So 1 - 9 → 110 - 90 = 20

Be sure to be subtracting with the new exchanged numbers, not the original ones!

 Th
 H
 T
 O

 34, 112, 11

 2
 9
 4

 1
 2
 7

3 - 2 = 1

421 - **294** = 127

Th H T O 34 112 11 2 9 4 1 2 7

On scrap paper or the back of your book try this question! The answer is on the next slide!

631 - 358 =



631 - **358** = 273

Th H T O **56** 12**3** 1 3 5 8 2 7 3

On scrap paper or the back of your book try this question! The answer is on the next slide!

507 - 336 =



507 - **336** = **171**

Th H T O 45 10 7 3 3 6 1 7 1

Pom has 450 rocks. He gave his friend 290 rocks. How many rocks does Pim have now?

Th H T O 4 5 0 2 9 0

Pom has 450 rocks. He gave his friend 290 rocks. How many rocks does Pim have now?



Mully made a pile of 785 pieces of paper. He took away 291 pieces of paper from the pile. How many are in the pile now?

Th H T O

Mully made a pile of 785 pieces of paper. He took away 291 pieces of paper from the pile. How many are in the pile now?

H T Th 5 18

Activity: Complete the subtraction questions in your books.

You **MUST** show all of your working out!

Remember to use the column method. It can get very messy when exchanging so be sure to make your work as clear as possible!