#### Mental Warmer

plus add total sum of take away difference less minus

Do these as fast as you can on your whiteboard:

- 1) 7 take away 3
- 2) Take 30 from 70.
- 3) 14 subtract 2.
- 4) Subtract 30 from 70.
- 5) 3 less than 7.
- 6) What is the difference between 10 and 18?

- 7) Subtract 40 from 95.
- 8) 100 less than 437.
- 9) What must I take from
- 14 to leave 6?
- 10) What is the difference

between 22 and 5?

11) 20 taken from a number is 35. What is the number?

# To use a table in subtracting.

TU TU
18
18,3
-↓6
-57

Write these sums in a table (with T ) and U), then answer the questions.

- 1) 14 2
- 2)28 3
- 3) 19 7
- 4) 36 6
- 5) 55 2
- 6) 80 5
- 7)68-4
- 8) 99 8

- 1) 28 12
- 2) 56 14
- 3) 79 15
- 4) 85 22
- 5) 87 24
- 6) 66 35
- 7) 58 18
- 8) 172 31
- 9) 284 142

- 1) 78 34
- 2) 86 42
- 3) 147 34
- 4) 295 143
- 5) 240 29
- 6) 63 45
- 7) 76 59
- 8) 548 79
- 9) 5432 4543
- 10) 9000 4376

When we use a table, it is important to set up our numbers correctly. Which one of these is correct? Why?

```
H T U H T U 8 1 7 8 1 7 - 4 5
```

In subtraction, it is also important to put the biggest number first.

# When taking away, big numbers can be difficult. Look at this way of solving: 87 - 55

# Step 1

Write the numbers in a table.

## Step 2

Partition the numbers

$$80 + 7$$

## Step 3

Then do the take away then add the numbers.

$$80 + 7$$

$$30 + 2 = 32$$

# Lets do one together. 78 - 36

Try each step on your whiteboard, then check the whiteboard to see if you are right.

Step 1: Write the numbers in a table.

# Step 2: Partition the numbers

TU

7 8

- 3 6

# Step 3: Do the take away, then add the answer

$$70 + 8$$

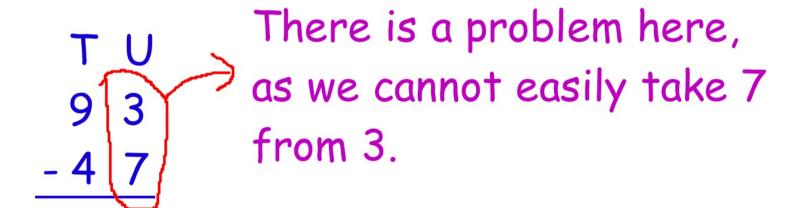


Too complicated???

There is an easier way!

But it is important to understand that the tens and units can be partitioned.

Look at this: 93 - 47



We would have to borrow a ten from the tens colomn so we could do it. don't worry about that for the moment.

# The Easier Way

Look: 68 - 32

- 3 2

Step 1: Make the Table

Step 2: Take away the

units, write the answer

in the units colomn.

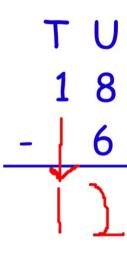
Step 3: Do the same

for the tens.

Try these on your whiteboard:

## One more thing!!!

Look: 18 - 6



We can do 8 - 6. But we must also bring down the 1 (which is a 10)

#### Think thats easy?

Look at this: 83 - 57

TU

8 3

- 5 7

This time I will have to

take a ten so I can do 3 - 7.

Because I have taken a ten,

it will now be 13 -7.

Now I can finish the sum.

#### Example:

#### Try these on your whiteboard:

HARD!

the 100!)

(hint: you can't take from 0, so you will have take from