Maths

Tuesday 20th October

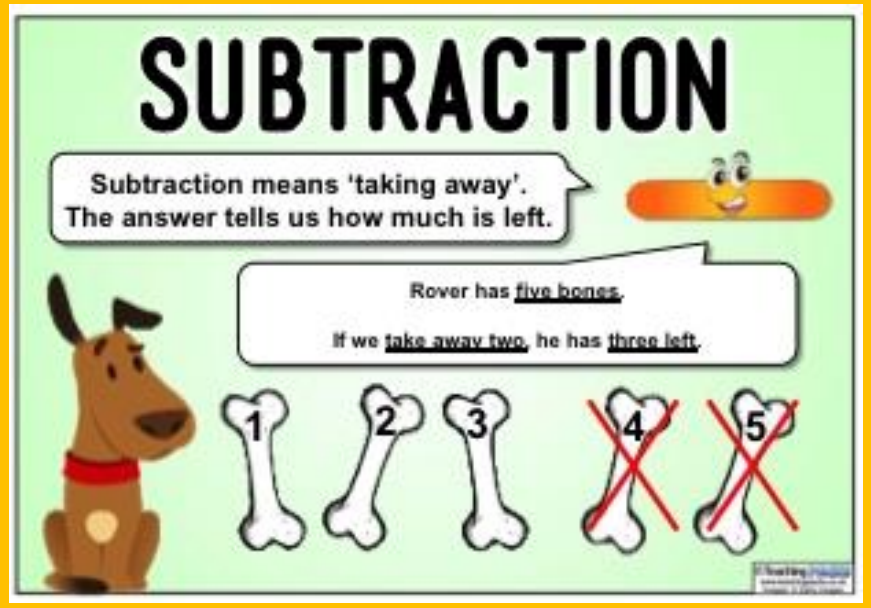
This week, we are going to develop efficient mental and written methods for subtraction.

Which methods do you know?
Which are you confident in using?

Over the next few pages, we are going to look at partitioning to help us subtract mentally with jottings, and how to count up on a number line when numbers are close to a multiple of 10, 100 or 1000.

Watch the video on mental subtraction…

https://central.espresso.co.uk/espresso/primary_uk/subject/module/video/item465833/grade2/module437339/index.html



Partitioning

546 - 75 =

546 - 70 = 476

476 - 5 = 471

326 - 84 =

326 - 80 = 246

246 - 4 = 242

707 - 325 =

707 - 300 = 407

407 - 20 = 387

387 - 5 = 382

648 - 173 =

648 - 100 = 548

548 - 70 = 478

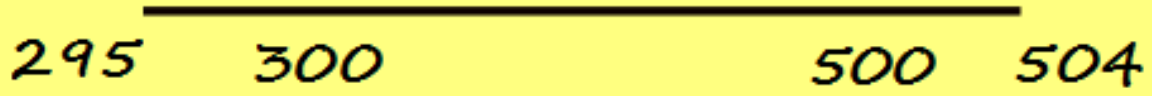
508 - 3 = 475

Look at the examples of how to use partitioning to subtract without a number line.

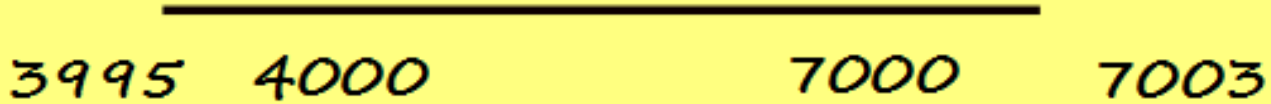
Watch Miss Terrell's tutorial video.

Counting up

504 - 295 =



7003 - 3995 =



9012 - 5985 =

Look at the examples of how to use partitioning to count up when numbers are close to a multiple.

Watch Miss Terrell's tutorial video.

Now have a go at these…

Decide which method to use.

Is partitioning the most efficient or can you count up?

Choose which section to start on. Make sure you write the calculation in your homework book and show whih method you used. Use the examples to set out your work.

Section A

1. 604 – 396
2. 908 – 569
3. 803 – 285
4. 6000 – 2994
5. 5000 – 1976
6. 6007 - 3995

Section B

1. 801 – 587
2. 726 – 169
3. 635 – 272
4. 6000 – 3655
5. 9008 – 4963
6. 8016 – 2979
7. 0.6 – 0.17
8. 8100 – 2900
9. 0.84 – 0.35

Section C

1. 8100 – _____ = 2776
2. 7200 - _____ = 3892
3. 6300 - _____ = 3765
4. 9100 - _____ = 4688
5. 7300 - _____ = 3764
6. 8200 - _____ = 2687
7. _____ + 4700 = 9600
8. _____ + 5.8 = 11.24
9. _____ + 0.64 = 1.52

Now have a go at the activities on Espresso and log on to Mathletics to complete the challenges set.

Subtract 3 digit from 4 digit

https://central.espresso.co.uk/espresso/primary_uk/subject/module/activity/item871840/grade2/module437339/index.html

Subtracting 4 digit numbers

https://central.espresso.co.uk/espresso/primary_uk/subject/module/activity/item871994/grade2/module437339/index.html

Make sure you do informal jottings to support your mental calculations.