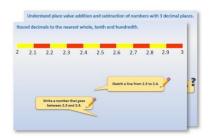
Year 4: Week 2, Day 4

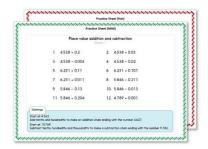
Subtraction using Frog

Each day covers one maths topic. It should take you about 1 hour or just a little more.

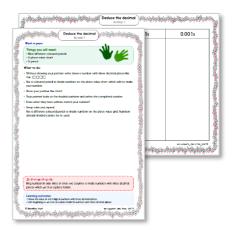
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



Tackle the questions on the Practice Sheet.
 There might be a choice of either Mild (easier) or Hot (harder)!
 Check the answers.

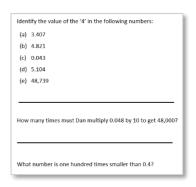


3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

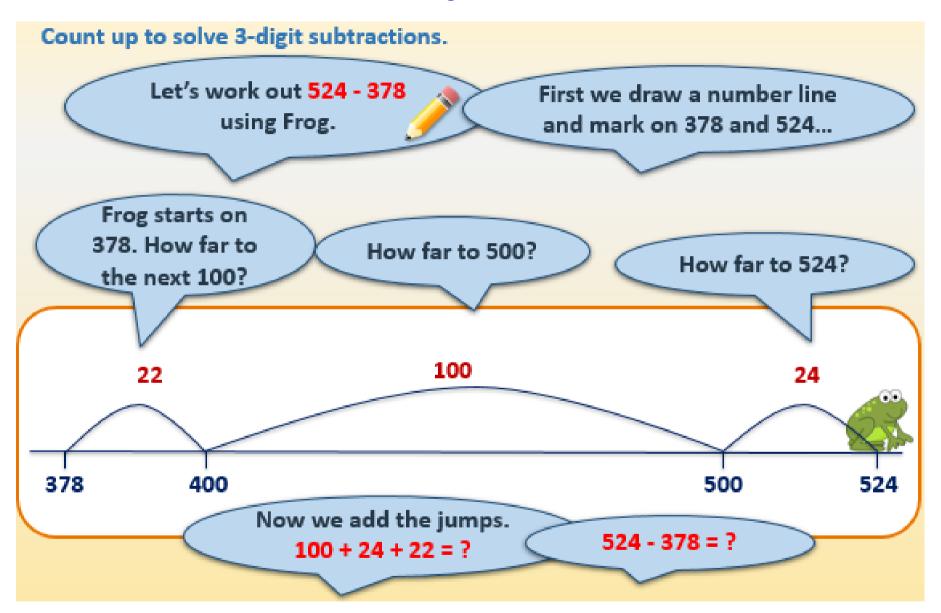


4. Have I mastered the topic? A few questions to **Check your understanding.**

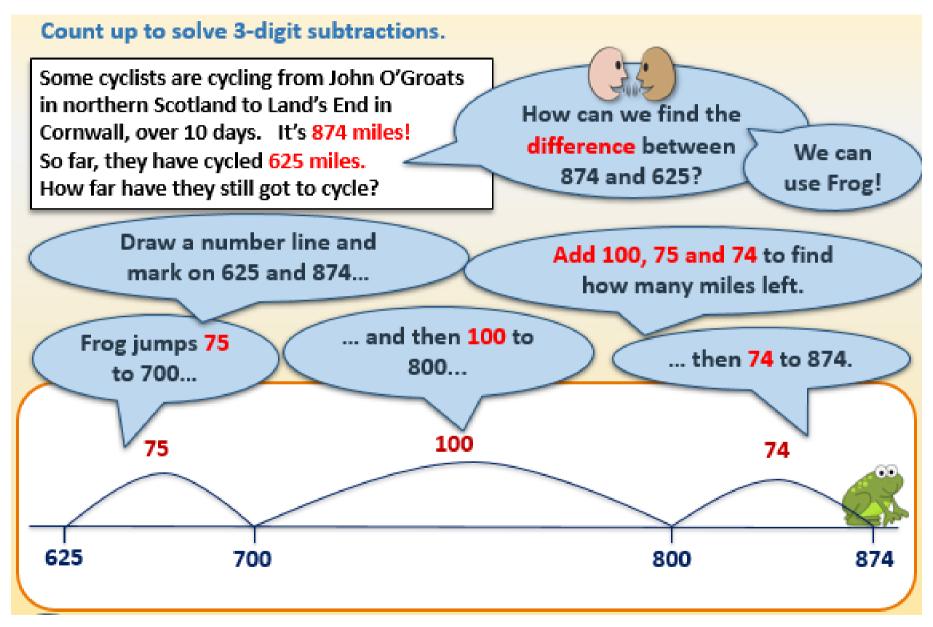
Fold the page to hide the answers!



Learning Reminders



Learning Reminders



Practice Sheet Mild Counting up

Practise using counting up to solve these subtractions. Sketch empty number lines to show your steps.

$$712 - 655$$

$$535 - 478$$

$$722 - 684$$

$$525 - 449$$

$$925 - 795$$

Practice Sheet Hot

Counting up

Sketch an empty number line to help you to calculate these subtractions.

Challenge

Subtract 989 from 1000. Then subtract 878 from 1000. Then 767, then 656 etc. each from 1000. Describe the pattern of the answers.

Practice Sheet Answers

Counting up (mild)

712 – 655 = <mark>57</mark>	623 - 589 = 34
535 – 478 = <mark>57</mark>	615 - 575 = 40
722 - 684 = 38	525 – 449 = <mark>76</mark>
616 – 535 = <mark>81</mark>	607 - 569 = 38
925 – 795 = 130	814 – 685 = 129

Counting up (hot)

745 – 588 = 157	2.	762 - 584 = 178
925 – 767 = 158	4.	623 - 489 = 134
755 – 448 = 307	6.	826 - 682 = 144
535 – 378 = 157	8.	756 - 437 = 319
537 – 373 = 164	10.	615 - 476 = 139
634 - 469 = 165	12.	1002 - 735 = 267
	925 - 767 = 158 755 - 448 = 307 535 - 378 = 157 537 - 373 = 164	925 - 767 = 158 4. 755 - 448 = 307 6. 535 - 378 = 157 8. 537 - 373 = 164 10.

Challenge

A Bit Stuck?

Are we nearly there yet?

Work in pairs

What to do:

- · Families are going for a day out. The children keep asking, "Are we nearly there yet?"
- Work out how much further each family need to travel. Use Frog to help you.



· A pencil





95 miles



103 miles



92 miles



104 miles



89 miles



102 miles



65 miles



101 miles



105 miles



72 miles



58 miles



106 miles

S-t-r-e-t-c-h:

Draw your own jottings to work out 204 - 197 and 204 - 89.

Learning outcomes:

- \cdot I can use Frog to subtract numbers either side of 100, e.g. 102 97 and 102 78.
- · I am beginning to subtract numbers either side of 200.

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Check your understanding

Questions

Complete each diagram.

604	
387	

912	
	868

1003	
578	

Here is Ali's homework.

$$1.403 - 265$$

$$2.648 - 356$$

Advise him on the most efficient or error-proof subtraction strategy to calculate each one, explaining why you are suggesting that method.

Work out the answers.

Check your understanding

Answers

Complete each diagram.

604	
387 217	

912	
44	868

1003	
578	425

Here is Ali's homework.

$$1.403 - 265$$

$$2.648 - 356$$

$$3.752 - 199$$

$$4.812 - 754$$

Advise him on the most efficient or error-proof subtraction strategy to calculate each one, explaining why you are suggesting that method.

Work out the answers.

1. 138 – most efficiently solved by Frog.

- 2. 292 also solve by Frog, some may prefer column subtraction for this one as neither number is close to a hundreds number, and only one column needs to be adjusted.
- 3. 553 subtract 200 and add 1 back.
- 4. 58 count up with Frog.