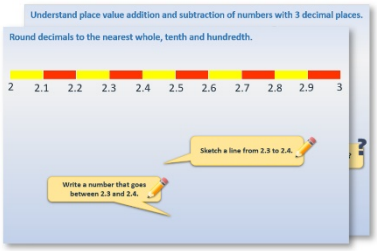
Year 3: Week 2, Day 2

More subtraction by counting up (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.



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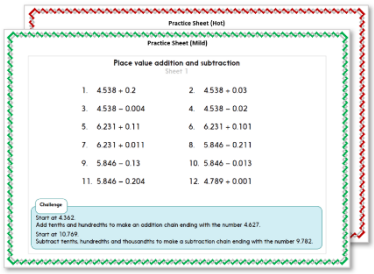
2. Tackle the questions on the **Practice Sheet**.
   There might be a choice of either Mild (easier) or Hot (harder)!
   Check the answers.



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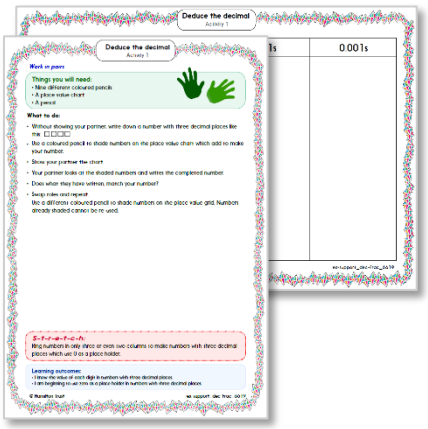
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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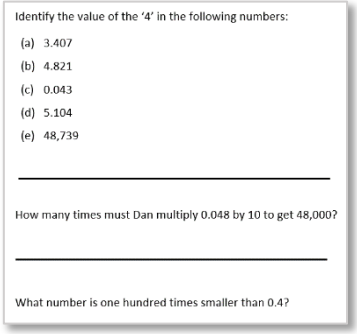
4. Have I mastered the topic? A few questions to **Check your understanding**.
   Fold the page to hide the answers!



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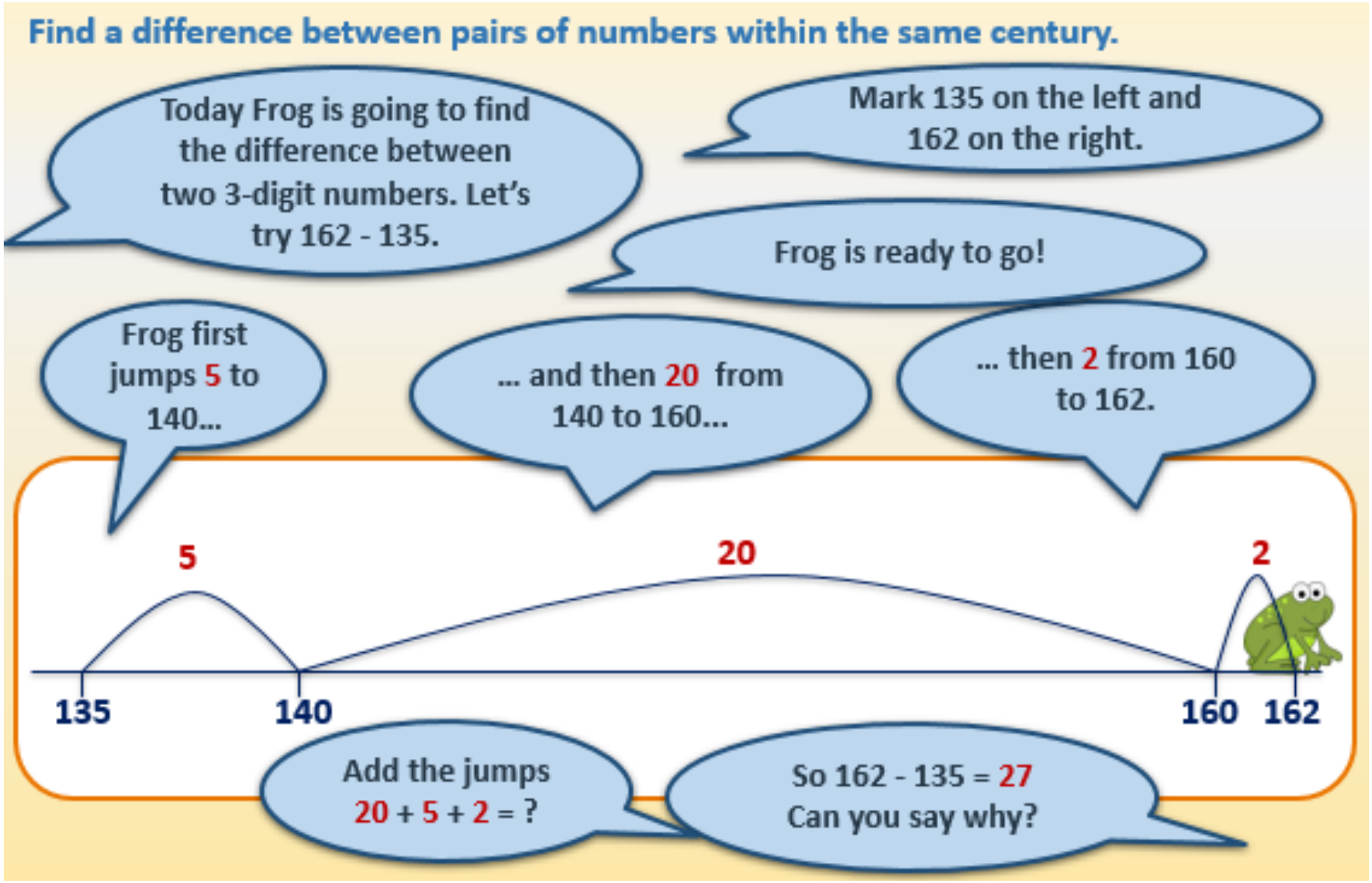
Learning Reminders



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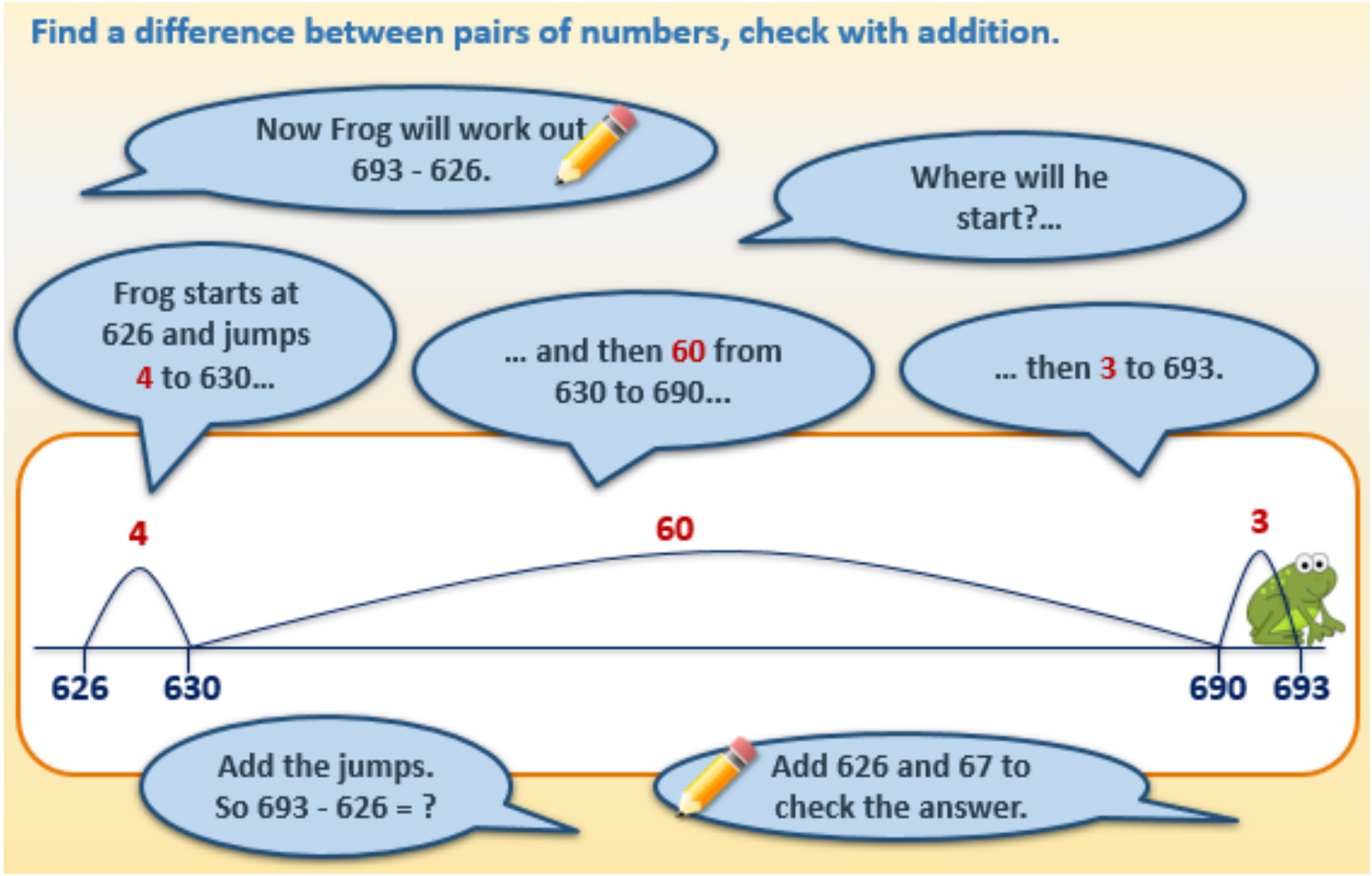
Learning Reminders



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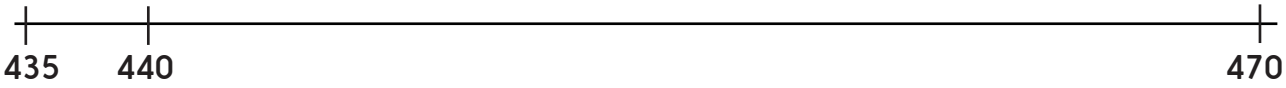
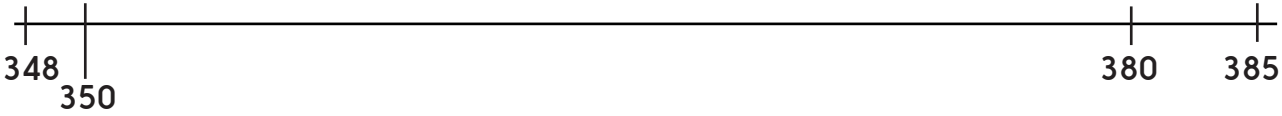
Practice Sheets Mild

Subtraction practice

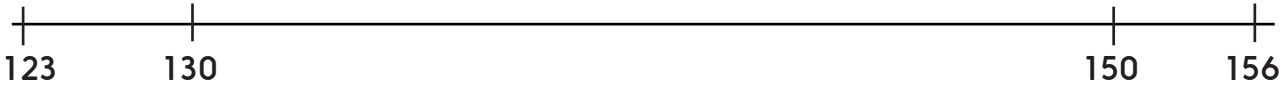
1. 470 – 435 = ☐



2. 385 – 348 = ☐



3. 156 – 123 = ☐



Draw your own lines to work out the answers to these subtractions.
Remember to start on the smaller number and hop to the next 10.

4. 260 – 248
5. 390 – 357
6. 162 – 139

Challenge: Choose two subtractions to check with addition.

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Practice Sheets Hot

Subtraction practice

Use Frog to work out the answers to these subtractions.

1.	483 – 427	5.	982 – 919
2.	690 – 614	6.	867 – 839
3.	575 – 528	7.	794 – 736
4.	494 – 436	8.	593 – 509

Challenge

Choose two subtractions to check with addition.

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Practice Sheets Answers

Subtraction practice (Mild)

1. 470 – 435 = 35
2. 385 – 348 = 37
3. 156 – 123 = 33
4. 260 – 248 = 12
5. 390 – 357 = 33
6. 162 – 139 = 23

Subtraction practice (Hot)

1. 483 – 427 = 56
2. 690 – 614 = 76
3. 575 – 528 = 47
4. 494 – 436 = 58
5. 982 – 919 = 63
6. 867 – 839 = 28
7. 794 – 736 = 58
8. 593 – 509 = 84

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A Bit Stuck?
Frog's ginormous jumps

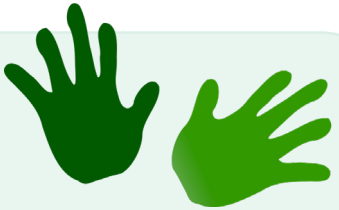
Work in pairs, but write on your own sheet.

What to do:

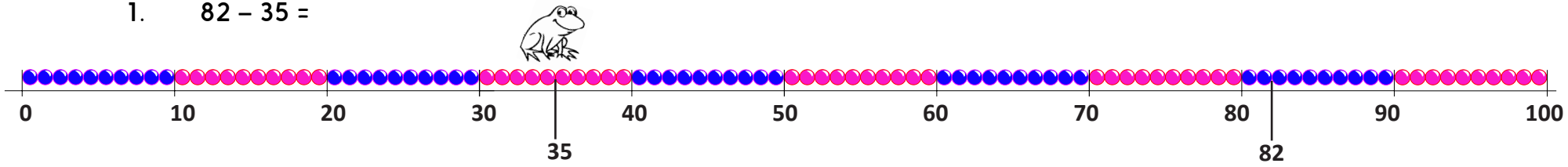
- Mark the 'baby' number on the line.
- Use Frog to hop to the next 10s number.
- Make a big jump to the 10s number just before the bigger number.
- Hop to the bigger number.
- Write the answer to the subtraction.

Things you will need:

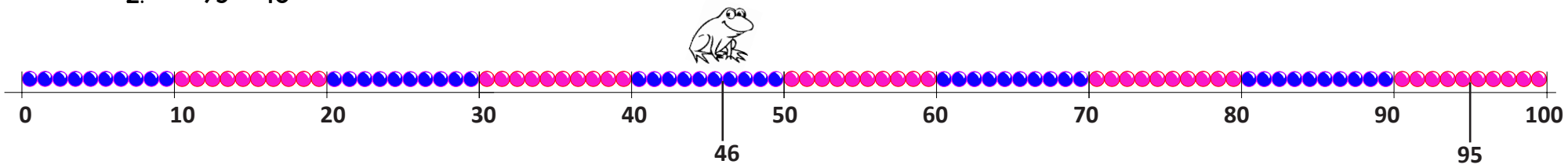
- A set of 0 to 100 beaded and landmarked lines
- A pencil



1. 82 – 35 =



2. 95 – 46 =



- Now use Frog to work out at least three of these subtractions on the beaded lines.

72 – 25 83 – 39 95 – 28 73 – 26 81 – 27

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

Use landmarked lines instead of beaded lines.

Learning outcomes:

- I can use Frog to subtract pairs of 2-digit numbers with a bigger gap, e.g. 84 – 37, using a beaded line to help.
- I am beginning to use counting up (Frog) to subtract pairs of 2-digit numbers with a bigger gap, e.g. 84 – 37, using landmarked line to help.

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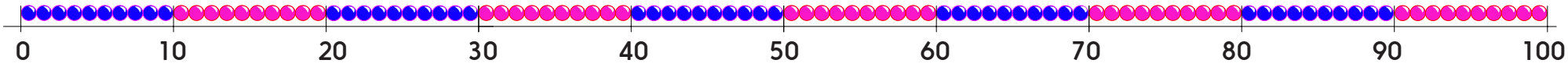
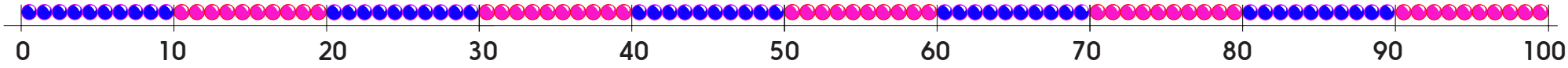
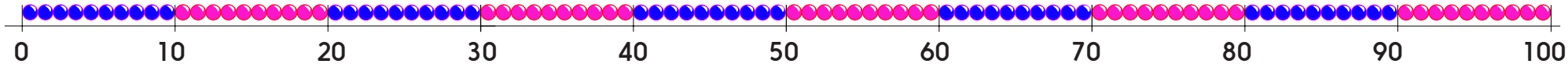
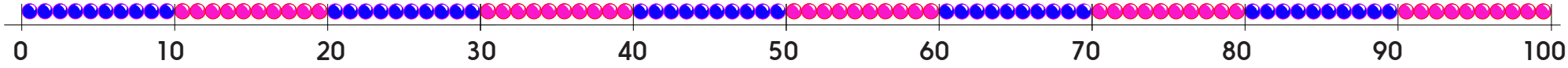
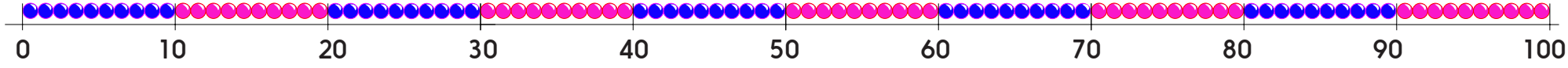
A Bit Stuck?
Frog's ginormous jumps











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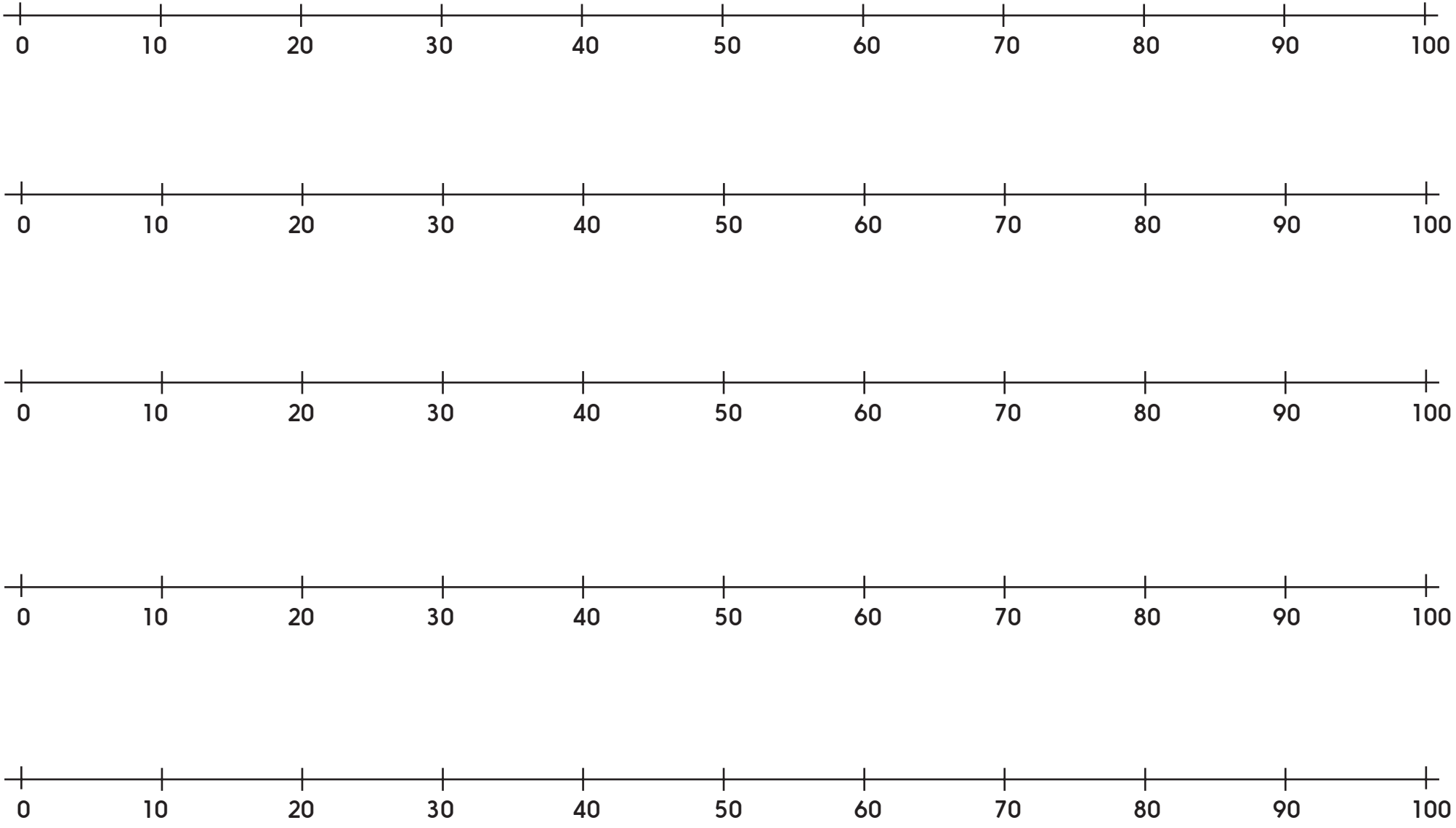
A Bit Stuck?
Frog's ginormous jumps



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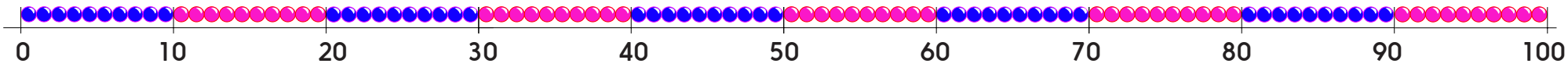
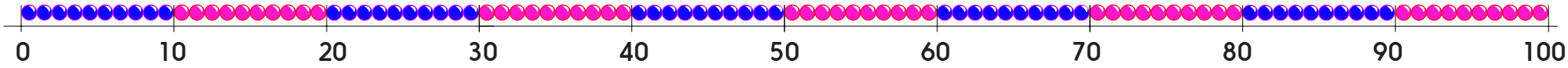
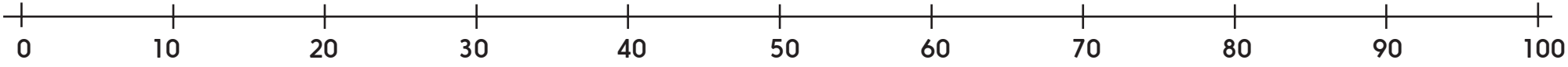
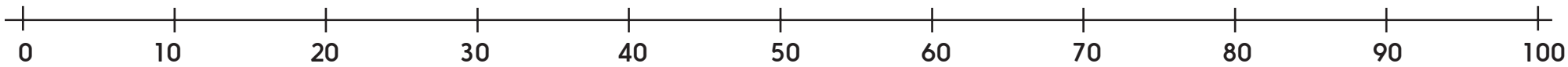
A Bit Stuck?
Frog's ginormous jumps









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Check your understanding:
Questions

Complete the bar model diagrams:

472	
428	

581	
548	

875	
837	

Tracy has 381 pennies saved in her 'penny-jar'.
If she takes out 329 to buy a Shopkins toy, how many pennies will she have left?

In his exercise routines, Ahmed does 78 press-ups during the week. His fitness tutor says he needs to do 125 each week. So how many more must he do each week?

Fold here to hide answers:

Check your understanding:
Answers

Complete the bar model diagrams:

472	
428	**44**

581	
548	**33**

875	
837	**38**

Count up using Frog, beginning with smaller number and hopping towards the larger one. Check children are making sensible choices of hop, e.g. to the next 10. Other errors may occur when adding the hops.

Tracy has 381 pennies saved in her 'penny-jar'.
If she takes out 329 to buy a Shopkins toy, how many pennies will she have left? 52 – solve using Frog, see above.

In his exercise routines, Ahmed does 78 press-ups during the week. His fitness tutor says he needs to do 125 each week. So, how many more must he do each week? 47

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