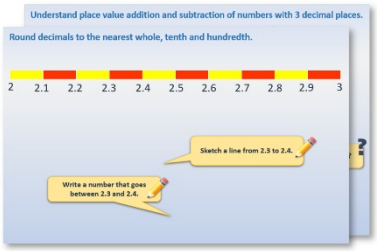
Year 3: Week 2, Day 1

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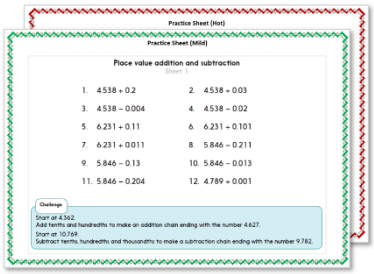
2. Tackle the questions on the **Practice Sheet**.
   There might be a choice of either Mild (easier) or Hot (harder)!
   Check the answers.



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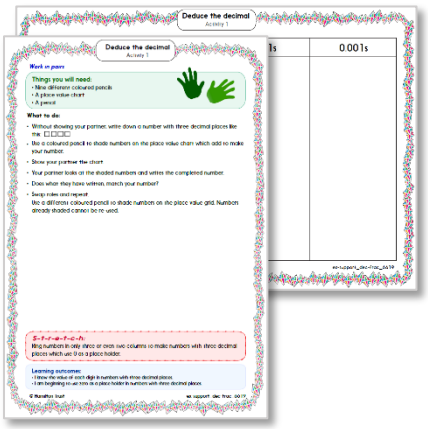
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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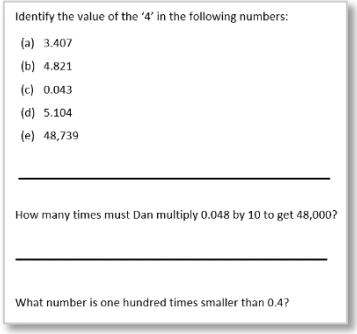
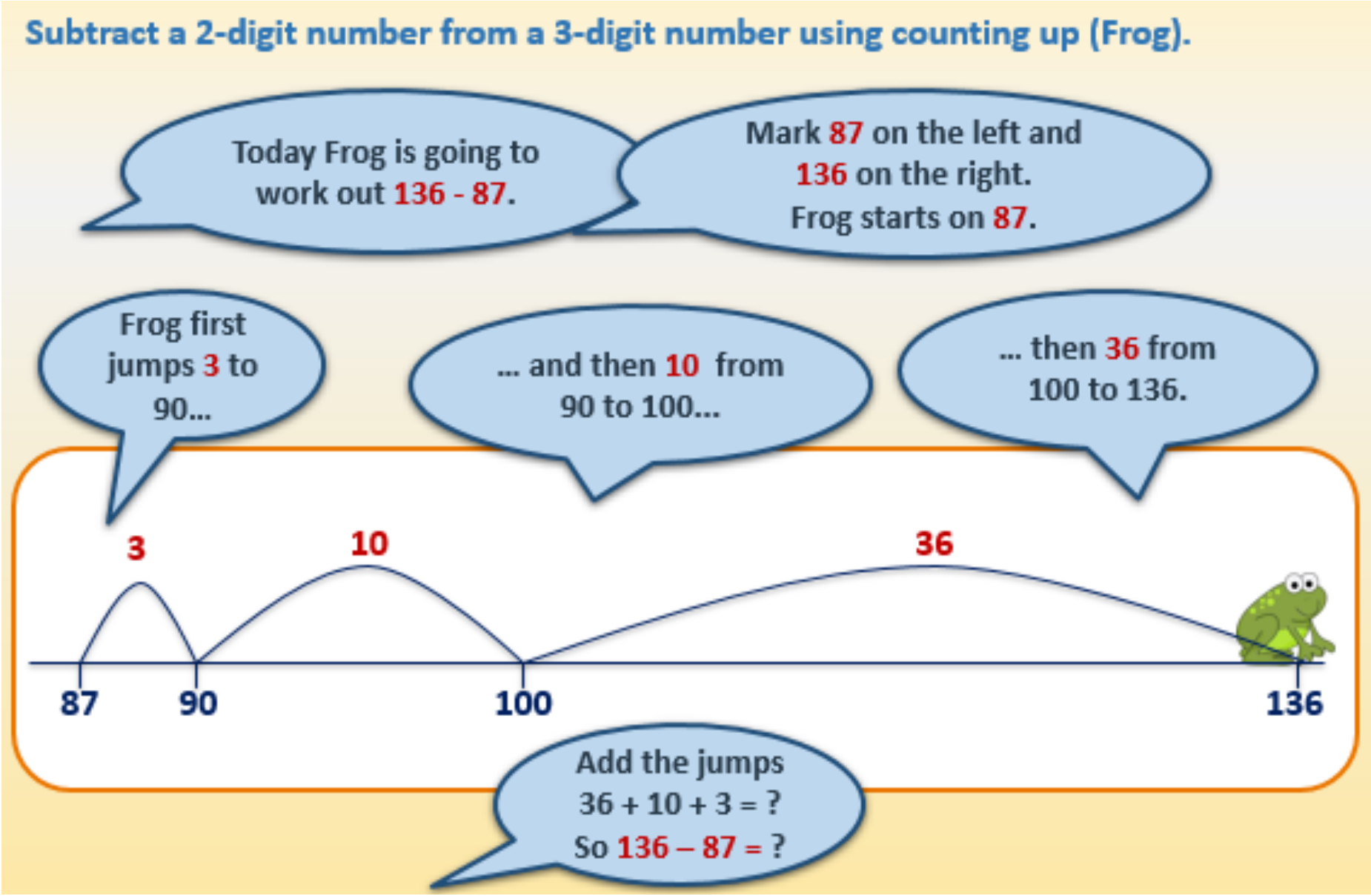
4. Have I mastered the topic? A few questions to **Check your understanding**.
   Fold the page to hide the answers!

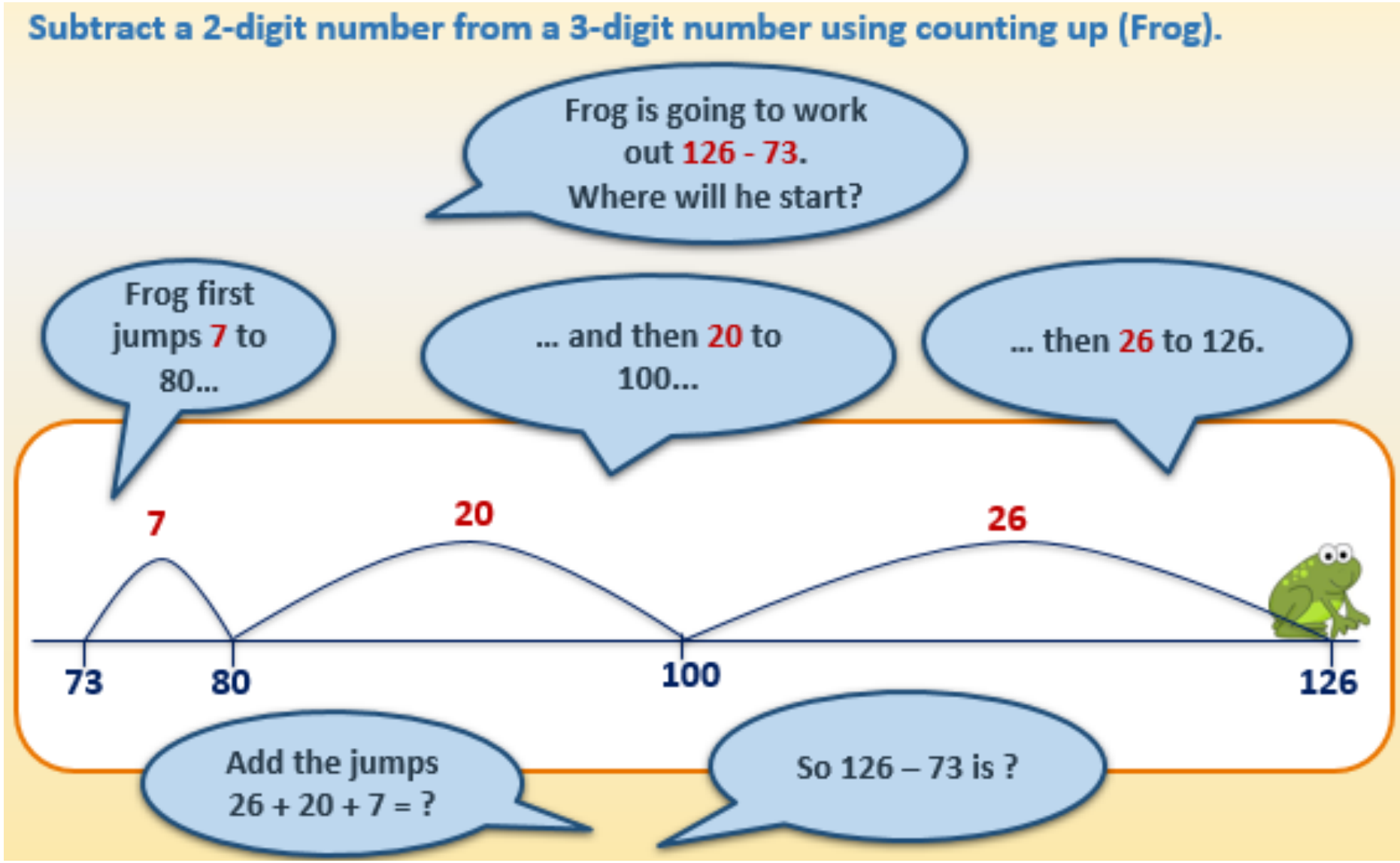


Learning Reminders

Subtract a 2-digit number from a 3-digit number using counting up (Frog).



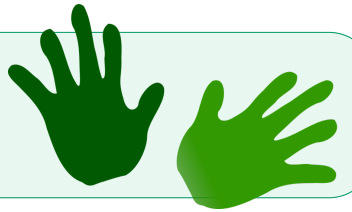
Learning Reminders



A Bit Stuck?
Frog's big, brave jumps

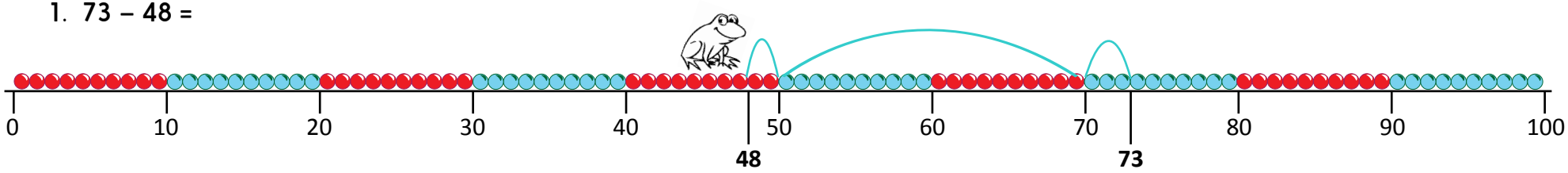
Work in pairs, but write on your own sheet

Things you will need:
- A pencil
- A sheet of beaded lines or landmarked lines

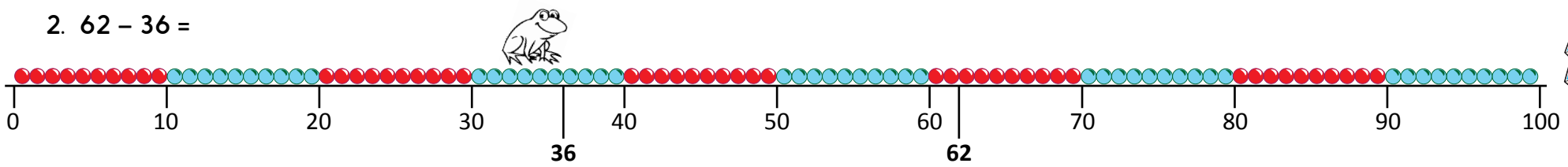


What to do:
- Mark the 'baby' number on the line.
- Use Frog to hop to the next 10s number.
- Make a big jump to the 10s number just before the bigger number.
- Hop to the bigger number.
- Write the answer to the subtraction.

1. 73 – 48 =



2. 62 – 36 =



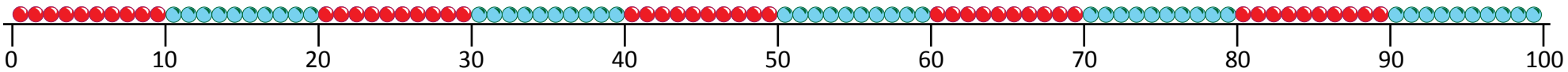
- Now use Frog to work out at least three of these subtractions on the beaded lines.

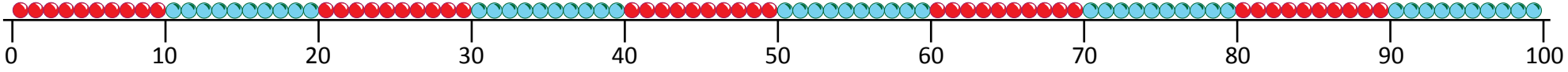
52 – 25 83 – 59 95 – 68 73 – 47 41 – 15

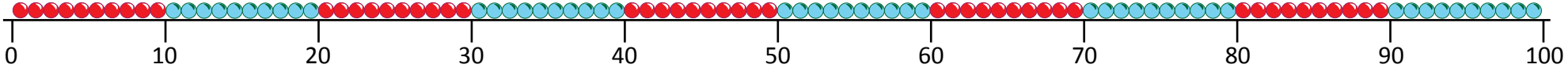
S-t-r-e-t-c-h:
Use landmarked lines instead of beaded lines.

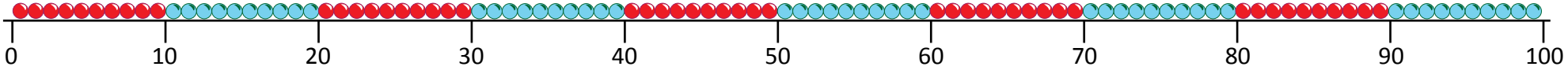
Learning outcomes:
- I can use Frog to subtract pairs of 2-digit numbers with a bigger gap, e.g. 64 – 37, using a beaded line to help.
- I am beginning to use counting up (Frog) to subtract pairs of 2-digit numbers with a bigger gap, e.g. 64 – 37, using a landmarked line to help.

Frog's big, brave jumps

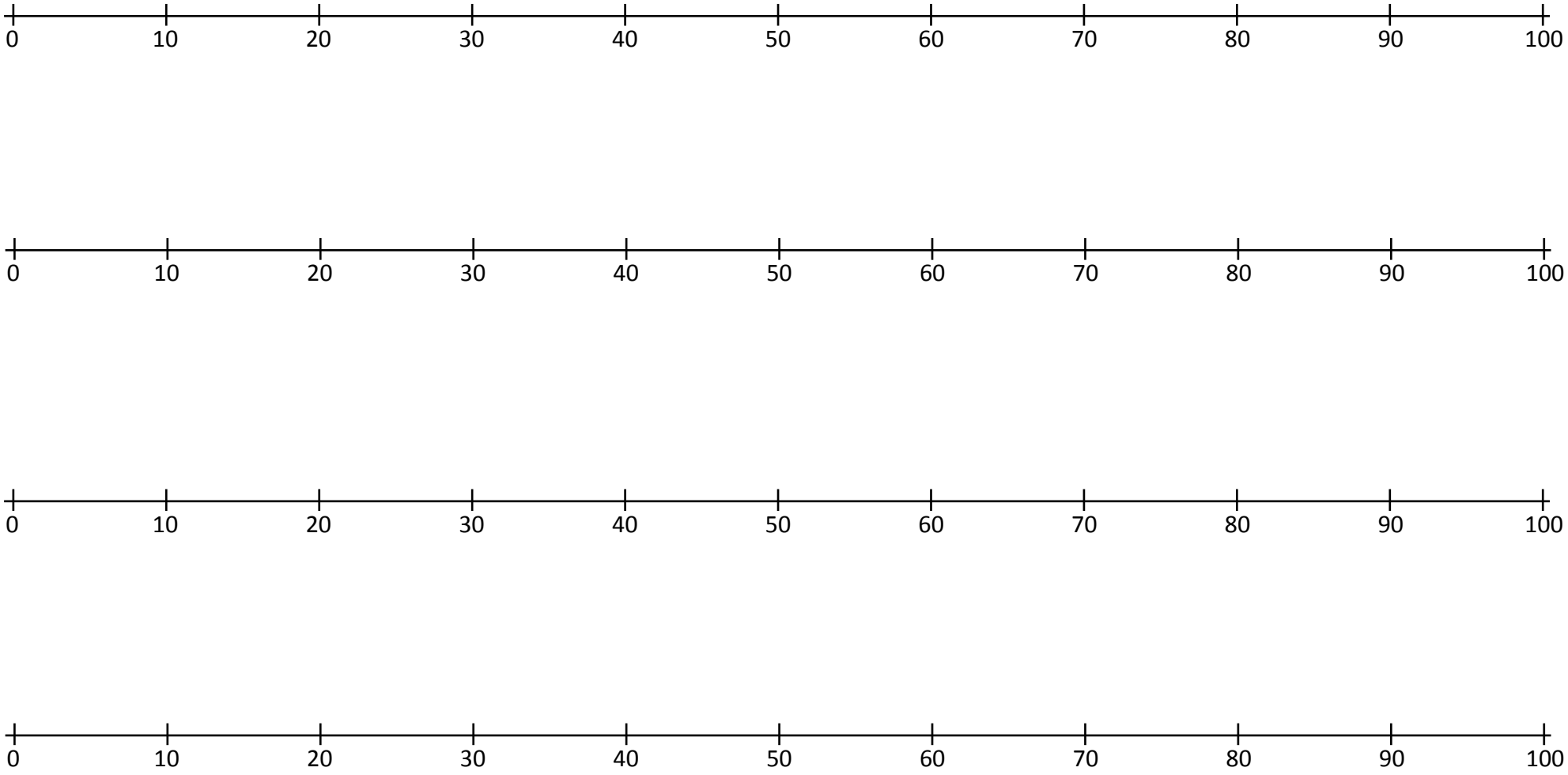




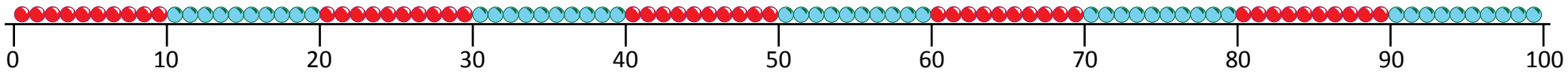


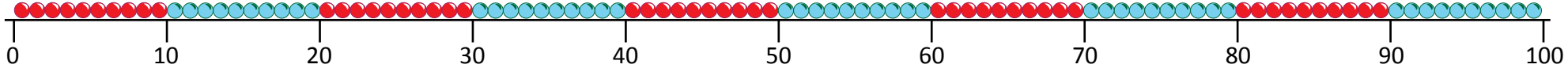


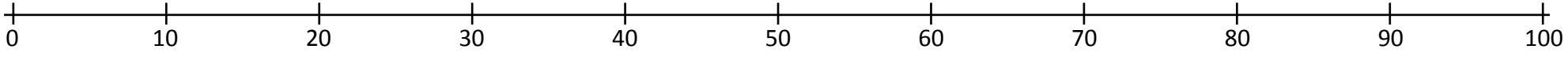
Frog's big, brave jumps

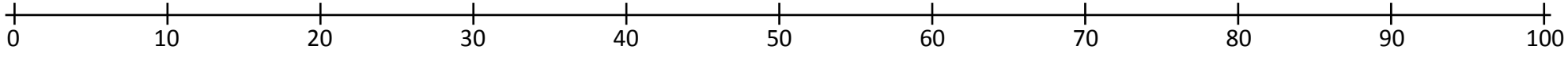


Frog's big, brave jumps









Check your understanding:
Questions

Write the missing numbers:

- 123 – ☐ = 75
- 106 – ☐ = 78
- 111 – ☐ = 57
- 118 – ☐ = 85
- 84 + ☐ = 123
- 98 + ☐ = 102

Write two numbers either side of 100 which have a difference of 26.

Complete this bar diagram:

121	
86	?

Fold here to hide answers:

Check your understanding:
Answers

Write the missing numbers:

- 123 – 48 = 75
- 106 – 28 = 78
- 111 – 54 = 57
- 118 – 33 = 85
- 84 + 39 = 123
- 98 + 4 = 102

Count up using Frog, beginning with smaller number and hopping towards the larger one. Check children make sensible choices of hop, e.g. to the next 10 or 100. Other errors may occur when adding the hops.

Write two numbers either side of 100 which have a difference of 26.
125 and 99, 124 and 98……. 101 and 75. Have children checked using Frog?

Complete this bar diagram:

121	
86	**35**