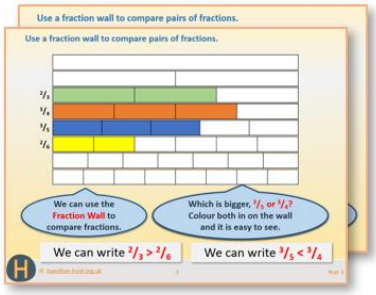
# Year 2: Week 3, Day 5

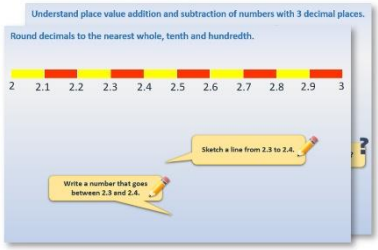
## Subtract 2-digit numbers by counting up

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

1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.

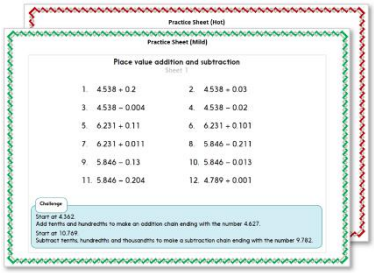



OR, start by carefully reading through the **Learning Reminders**.




---

2. 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!

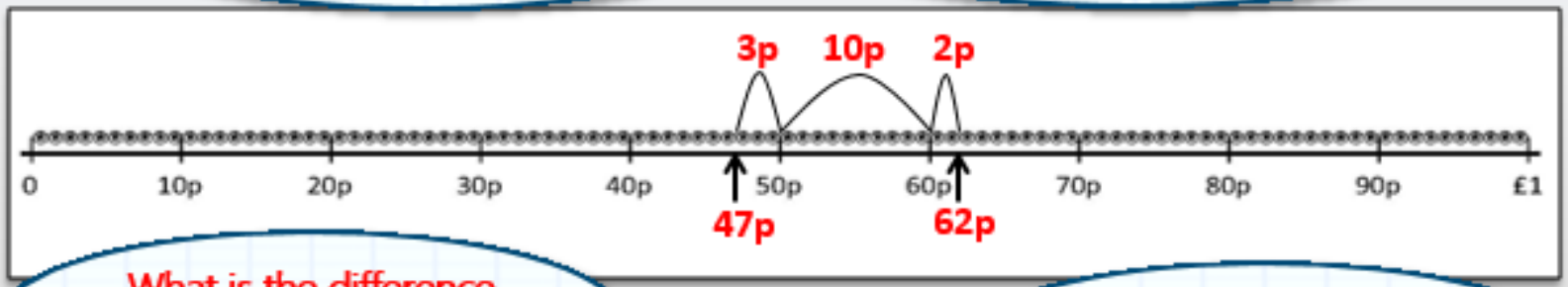
© Hamilton Trust

# Learning Reminders

## Subtract 2-digit amounts of money by counting up.

I have 62p and want to spend 47p on a drink. How much will I have left?

Let's mark 47p and 62p on the penny number line and count up to find the difference.




What is the difference between 47p and 50p ?

What is the difference between 50p and 60p ?

What is the difference between 60p and 62p ?

We had to do 3 jumps! Let's add them all up to find how much money is left.

**10p + 3p + 2p = ?**

**62p - 47p = 15p**

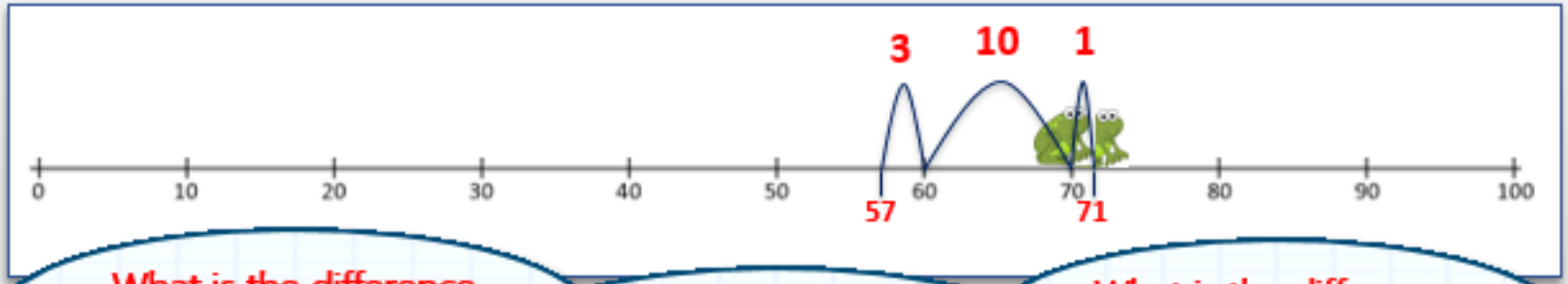
© Hamilton Trust

# Learning Reminders

## Subtract 2-digit numbers by counting up.

Let's try 71– 57 on a number line.

First mark 57 and 71 on the number line; then use Frog to count up to find the difference.




What is the difference between 57 and 60?

What is the difference between 60 and 70 ?

What is the difference between 70 and 71 ?

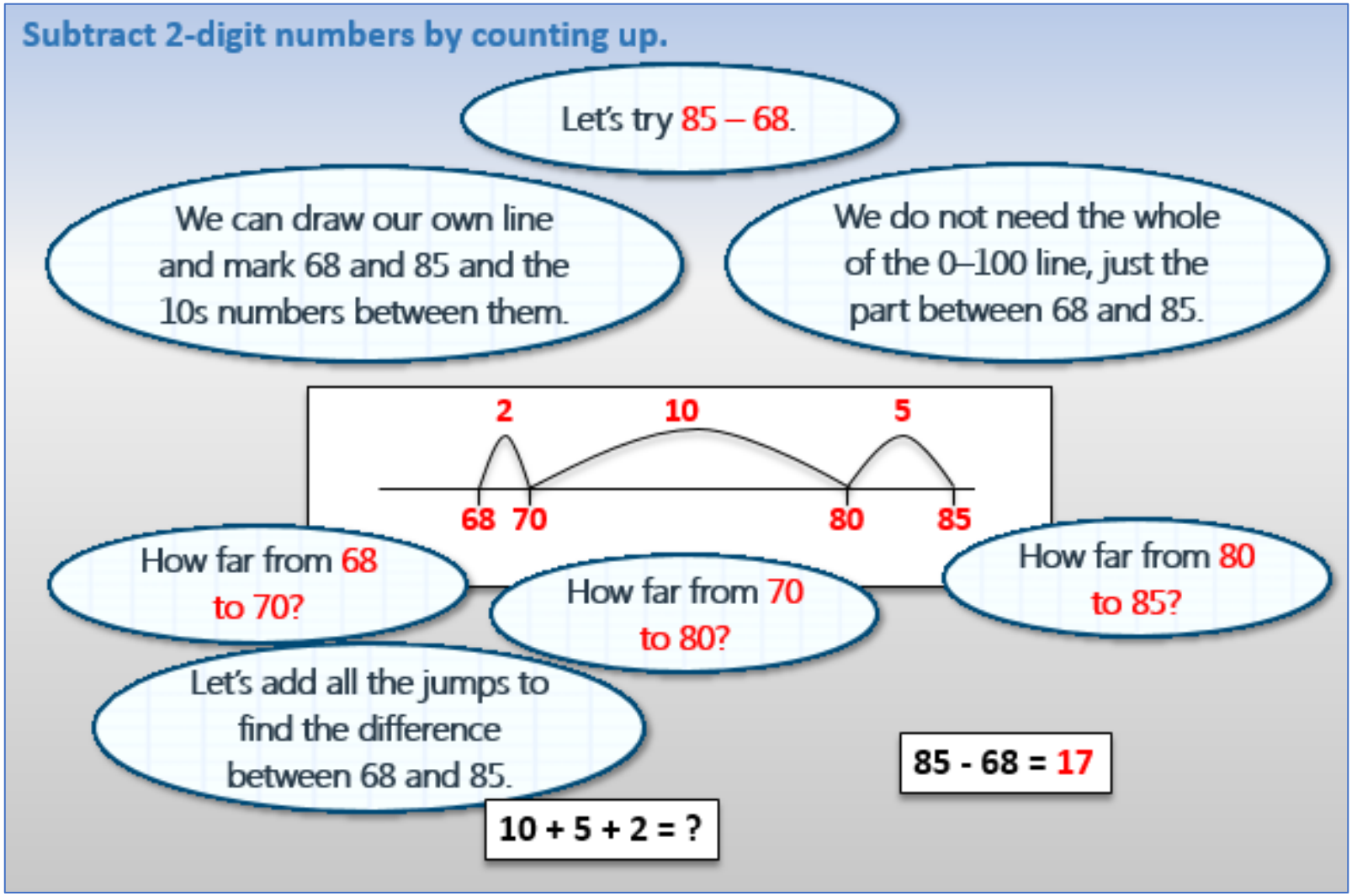
Let's add all the jumps to find the difference.

**10 + 3 + 1 = ?**

**71 - 57 = 14**

© Hamilton Trust

# Learning Reminders

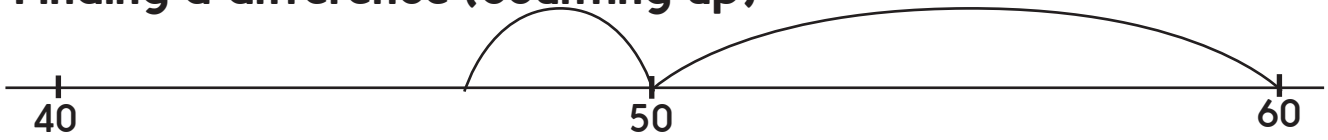



© Hamilton Trust

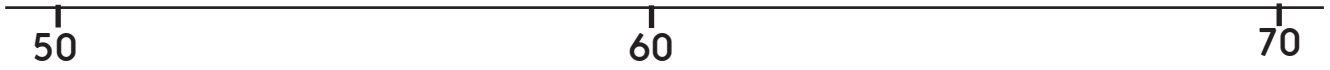
# Practice Sheet Mild 1

## Finding a difference (counting up)

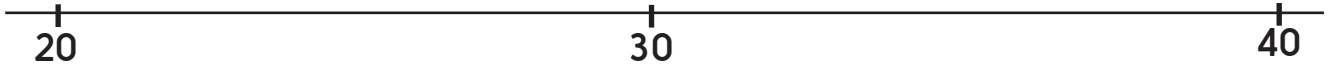
60 - 47 =



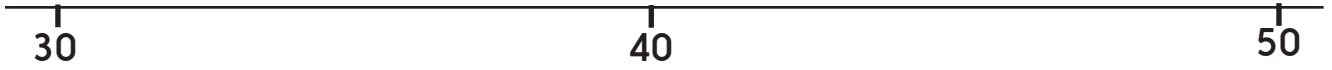

70 - 58 =



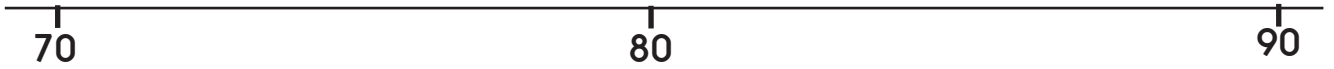

40 - 26 =



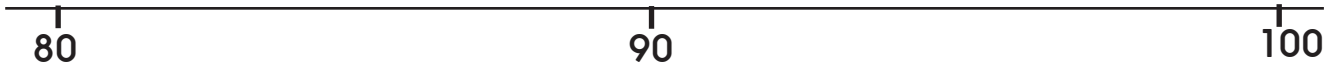

50 - 34 =




90 - 72 =




100 - 85




**Challenge**

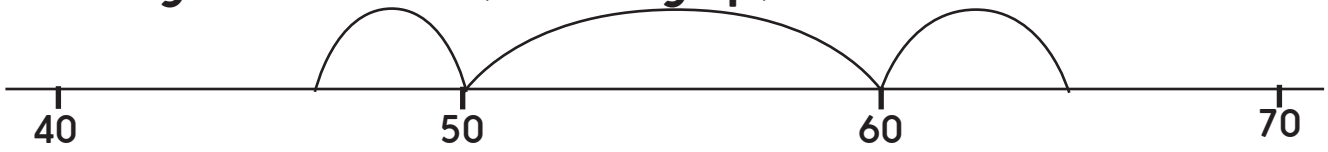
Draw your own number lines to solve 50 - 38 and 80 - 65.

© Hamilton Trust

# Practice Sheet Mild 2

## Finding a difference (counting up)

64 - 47 =




73 - 58 =

85 - 69 =

43 - 26 =

93 - 75 =

88 - 69 =

**Challenge**

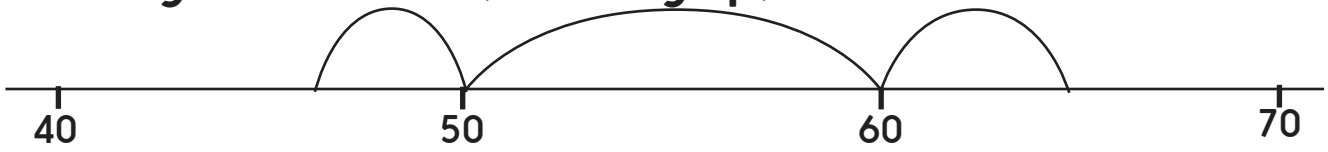
Draw your own number lines to solve 53 - 38 and 85 - 67.

© Hamilton Trust

# Practice Sheet Hot 1

## Finding a difference (counting up)

64 - 47 =




73 - 58 =

85 - 69 =

43 - 26 =

93 - 75 =

88 - 69 =

**Challenge**

Draw your own number lines to solve 53 - 38 and 85 - 67.

© Hamilton Trust

# Practice Sheet Hot 2

## Finding a difference (counting up)

Draw your own number lines to work out these subtractions:

1. 55 - 38
2. 63 - 45
3. 44 - 27
4. 71 - 56
5. 92 - 79
6. 86 - 67
7. 75 - 58
8. 52 - 27

© Hamilton Trust

# Practice Sheets Answers

## Finding a difference (counting up) (mild 1)

60 – 47 = 13
70 – 58 = 12
40 – 26 = 14
50 – 34 = 16
90 – 72 = 18
100 – 85 = 15

**Challenge**

53 - 38 = 15
80 - 65 = 15

## Finding a difference (counting up) (mild 2)

64 – 47 = 17
73 – 58 = 15
85 – 69 = 16
43 – 26 = 17
93 – 75 = 18
88 – 69 = 19

**Challenge**

53 - 38 = 15
85 - 67 = 18

## Finding a difference (counting up) (hot 1)

64 – 47 = 17
73 – 58 = 15
85 – 69 = 16
43 – 26 = 17
93 – 75 = 18
88 – 69 = 19

**Challenge**

53 - 38 = 15
85 - 67 = 18

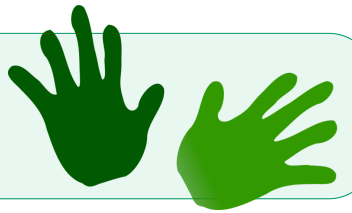
## Finding a difference (counting up) (hot 2)

1. 55 – 38 = 17
2. 63 – 45 = 18
3. 44 – 27 = 17
4. 71 – 56 = 15
5. 92 – 79 = 13
6. 86 – 67 = 19
7. 75 – 58 = 17
8. 52 – 27 = 25

© Hamilton Trust

# A Bit Stuck?
## Tiptoe to ten

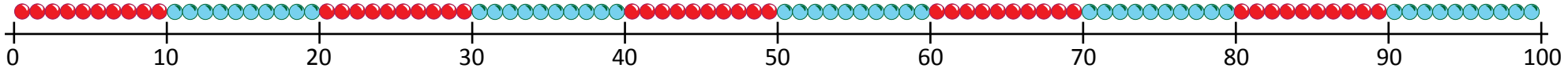
**Things you will need:**
- A pencil



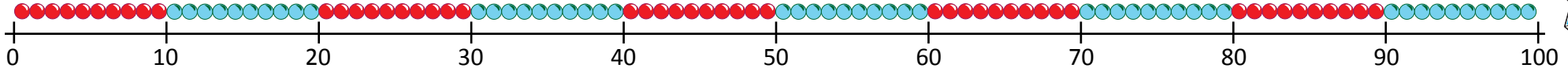
**What to do:**

Mark the first number in the sum on the line.
Work out how much is needed to make the next 10.
Remember to use your pairs to 10 to help you. Write the missing number.

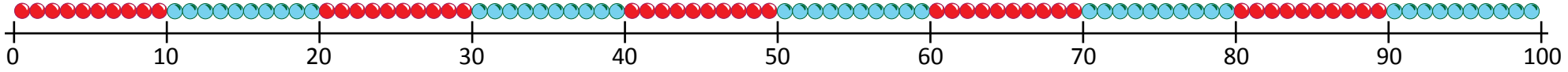
1. 46 + ☐ = 50




2. 67 + ☐ = 70



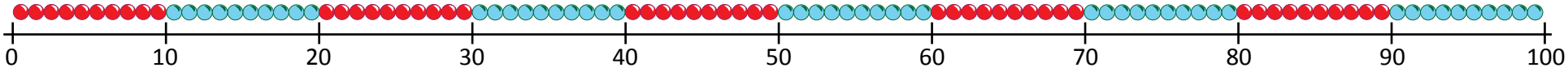

3. 53 + ☐ = 60



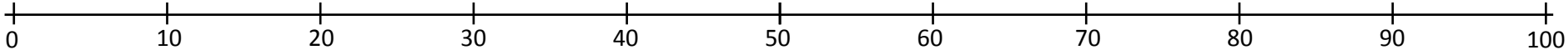

© Hamilton Trust

# A Bit Stuck?
## Tiptoe to ten

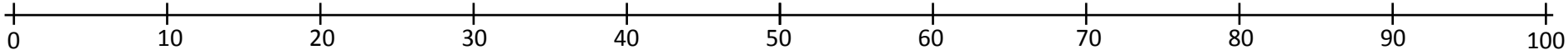
4. 94 + ☐ = 100




5. 25 + ☐ = 30




6. 38 + ☐ = 40




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

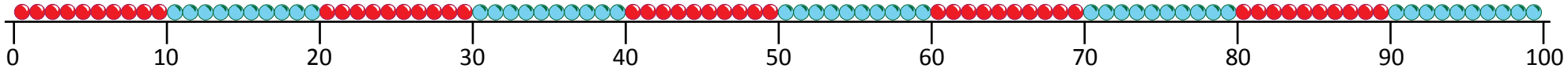
Use your additions to work out the answers to these subtractions: 50 – 46, 70 – 67 and 60 – 53.

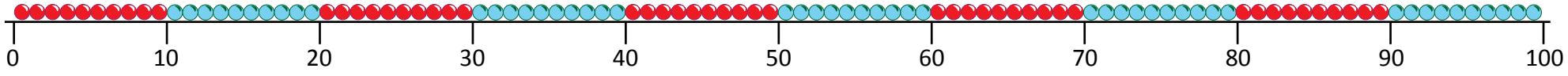
**Learning outcomes:**

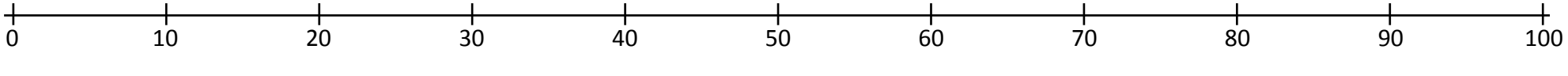
- I can use a bead string or beaded line to help me find how many more to the next 10.
- I am beginning to use landmarked lines and number facts to work out how many more to the next 10.

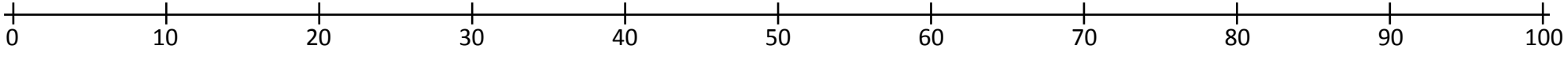
© Hamilton Trust

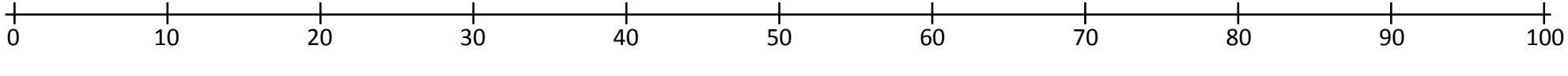
# A Bit Stuck?
## Tiptoe to ten




© Hamilton Trust

# Check your understanding

## *Questions*

Find the change from 50p if I spend 38p.

---

Draw Frog's hops on a number line to show the difference between 43 and 36.
Draw Frog's hops on a number line to show 75 – 58.

---

Tell Frog how many hops he will need to do for each of these subtractions:

(a) 45 – 38 (c) 71 - 65

(b) 62 – 45 (d) 34 - 18

Now use Maths Frog to help you solve each one.
Were you right about the number of hops?

Fold here to hide answers

---

# Check your understanding

## *Answers*

Find the change from 50p if I spend 38p. 12p – counting on 2 from 38 to 40 then 10 more.

---

Draw Frog's hops on a number line to show the difference between 43 and 36.
Hop of **4** to 40 then **3** to 43; 43 – 36 = **7**.
Draw Frog's hops on a number line to show 65 – 58.
Hop of **2** to 60 then **10** to 70, **5** to 75; 75 – 58 = **17**.

---

Tell Frog how many hops he will need to do for each of these subtractions:

(a) 47 – 38 2 hops. 2, then 7

(b) 82 – 57 3 hops. 3, then 10 then 2

(c) 74 – 65 2 hops. 5, then 4

(d) 63 – 48 3 hops. 2, then 10 then 3

Now use Maths Frog to help you solve each one. Were you right about the number of hops?
N.B. some children may realise that they can solve (b) and (d) in 2 hops – hops of 3 then 12 for (b) and hops of 2 then 13 for (d). This shouldn't be discouraged! The children's hops should clearly show that they understand how to use a 10s number as a bridge and that the answer to the subtraction is found by adding the hops.

© Hamilton Trust