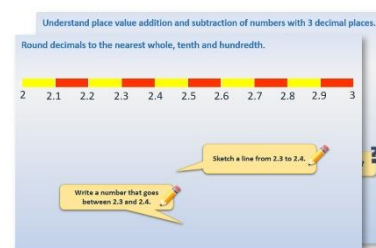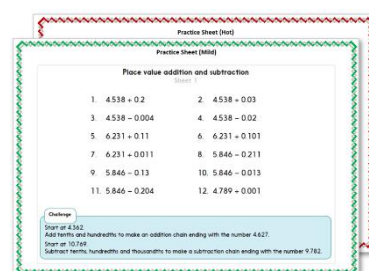# Year 4: Week 2, Day 3
Finding change

Each day covers one maths topic. It should take you about 1 hour or just a little more.
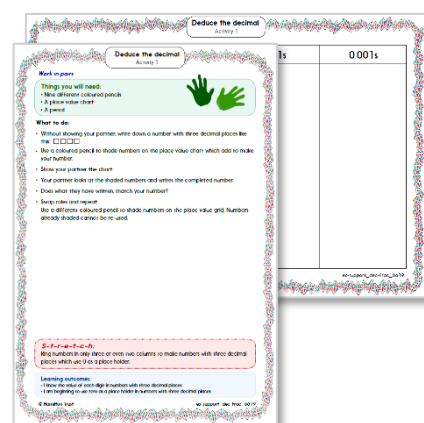
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.

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!

Count up to find change from £5.

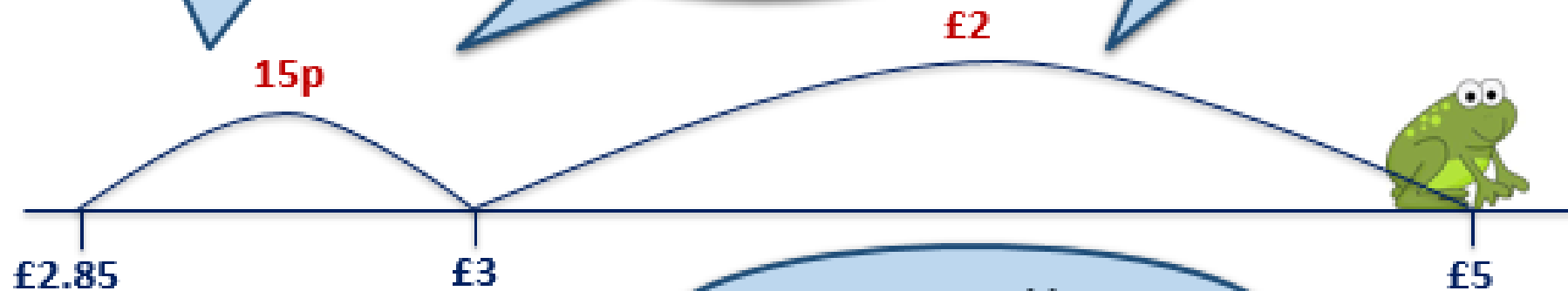£2.85

£5 *Bank of Hamilton* Five **Pounds**

If you have £5 to spend and an item costs **£2.85**, how could you calculate the change?

Draw a line and mark **£2.85** on the left and **£5** on the right...

Frog knows that **85 + 15 = 100** so he jumps **15p** to **£3**...

... and then **£2** to £5.

£2

15p

£2.85   £3   £5

So you would get **£2.15 change** from £5.

© Hamilton Trust

Learning Reminders

Count up to find change from £10.

This time you have £10 and the item costs **£5.48.**

Draw a line and mark **£5.48 on the left and £10 on the right...**

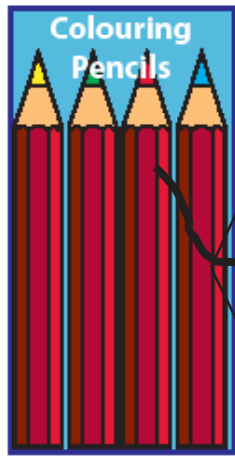Frog's ready to go!

How far to the **next pound?**

How much more to **£10?**

How much change this time?

£4

52p

£5.48   £6   £10

© Hamilton Trust

Finding change

Colouring Pencils **£3.79**

£2.68

£2.85

£3.39

£1.78

£2.22

Find the change from £5 for each of these six prices.

Challenge

I spend £2.42. Do I have enough money left to buy a notebook?

Finding change

Monster Paint Set

£7.79

£5.85

£6.69

£8.29

£7.56

£5.34

Find the change from £10 for each of these six prices.

Challenge

I use a £20 note and buy an item for £10.13. My change is £9.87 which has consecutive digits 9, 8, 7.
Can you find other prices where my change from £20 would be a number with consecutive digits?

Practice Sheet Answers

Finding change (mild)

Colouring pencils: £5.00 - £3.79 = £1.21
Pad of paper: £5.00 - £2.68 = £2.32
Ticket 1: £5.00 - £2.85 = £2.15
Ticket 2: £5.00 - £3.39 = £1.61
Ticket 3: £5.00 - £1.78 = £3.22
Ticket 4: £5.00 - £2.22 = £2.78

Challenge

No. Spending £2.42 only leaves you £2.58, which is not enough for a notebook that costs £2.68.

Finding change (hot)

Paint set: £10.00 - £7.79 = £2.21
Brushes: £10.00 - £5.85 = £4.15
Ticket 1: £10.00 - £6.69 = £3.31
Ticket 2: £10.00 - £8.29 = £1.71
Ticket 3: £10.00 - £7.56 = £2.44
Ticket 4: £10.00 - £5.34 = £4.66

Challenge

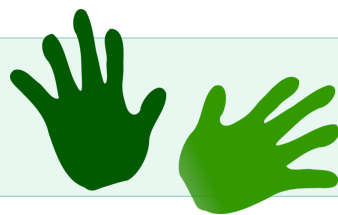|		
£20 - £18.77 = £1.23	£20 - £17.66 = £2.34	£20 - £16.55 = £3.45
£20 - £15.44 = £4.56	£20 - £14.33 = £5.67	£20 - £13.22 = £6.78
£20 - £12.11 = £7.89	£20 - £16.79 = £3.21	£20 - £15.68 = £4.32
£20 - £14.57 = £5.43	£20 - £13.46 = £6.54	£20 - £12.35 = £7.65
£20 - £11.24 = £8.76	£20 - £10.13 = £9.87	£20 - £17.90 = £2.10
£20 - £7.66 - £12.34		

Work in pairs

Things you will need:
• A pencil

What to do:

• Take it in turns to choose a hat or a beanie from the web page.

• Use Frog to find the change from £5.

• How many hats can you buy before you run out of time?

1p   50p

£4.49   £4.50   £5

£5 - £4.49 =
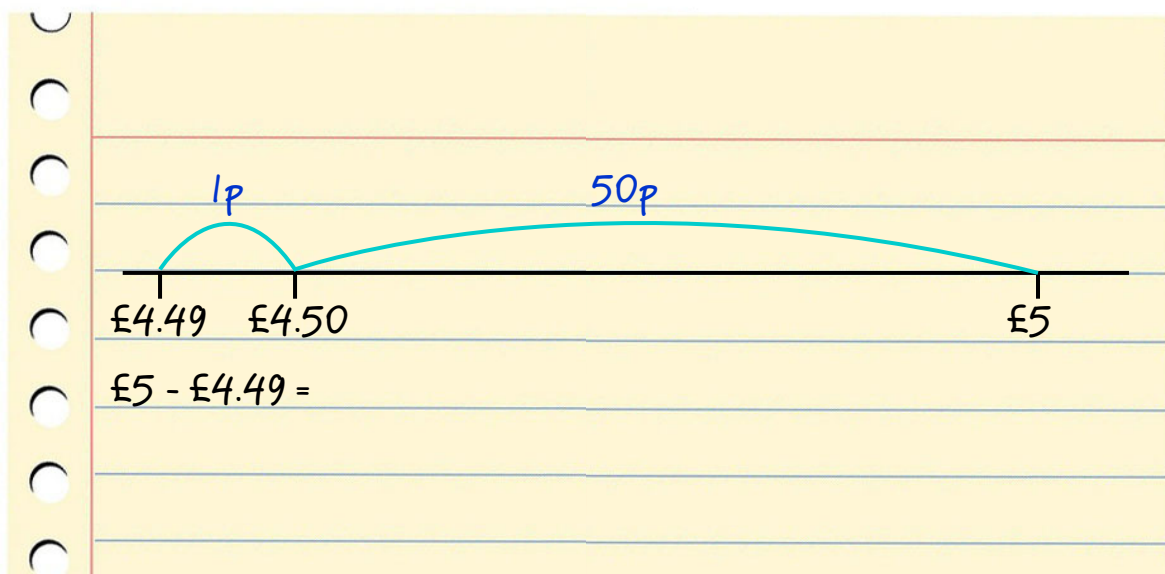
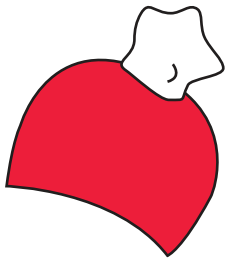*S-t-r-e-t-c-h*:
Choose two hats and find the change from £10.

Learning outcomes:
• I can use Frog to find the change from £5 (answers less than £1).
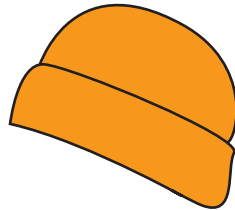• I am beginning to use Frog to find the change from £10.

Hamilton Education *go outdoors*

Winter hats
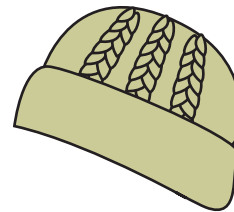
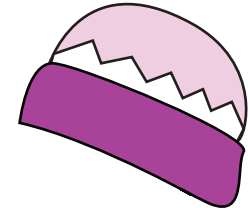Wrap up and keep warm this winter with our latest range of winter hats.

Red pom-pom beanie
£4.49

Add to basket

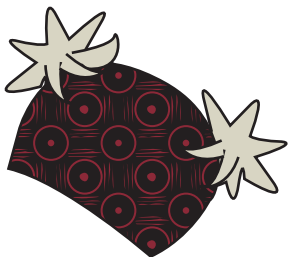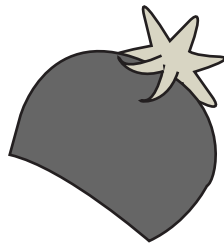Orange plain knit beanie
£4.85

Add to basket

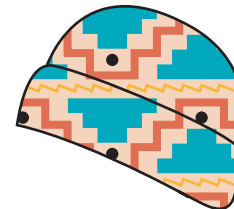Khkai Aran knit beanie
£4.63

Add to basket
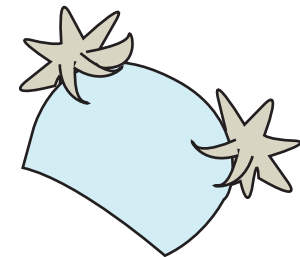
Purple zig-zag striped beanie
£4.75

Add to basket

Techno pattern double pom-pom beanie
£4.25

Add to basket

Grey pom-pom beanie
£4.37

Add to basket

Aztec knit beanie
£4.59

Add to basket

Pale blue fluffy pom-pom beanie
£4.46

Add to basket

Check your understanding
Questions

Tim buys a DVD. Frog finds the change from £10, saying it is £3.46. How much was the DVD?

Complete each diagram.

£10	
£6.83	

£5	
	£2.27

£10	
£3.58	

Fold here to hide answers

Check your understanding
Answers

Tim buys a DVD. Frog finds the change from £10, saying it is £3.46. How much was the DVD? £6.54. Frog jumps 4p, 50p and £6 from £3.46 – some may be able to use complements to 100 and combine the first 2 jumps.

Complete each diagram.

£10	
£6.83	£3.17

£5	
£2.73	£2.27

£10	
£3.58	£6.42

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