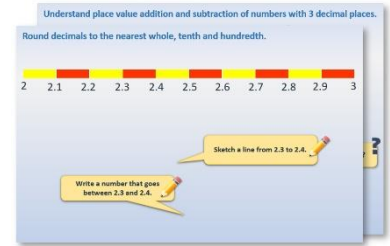


# Year 4: Week 2, Day 3

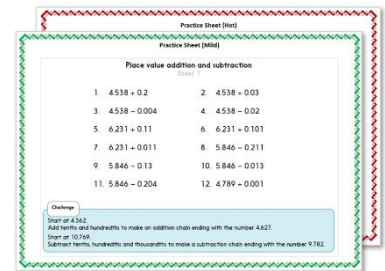
## Finding change

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

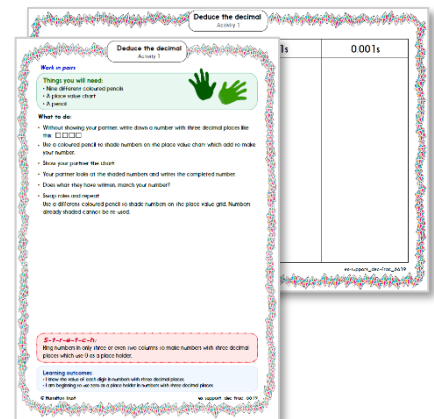
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



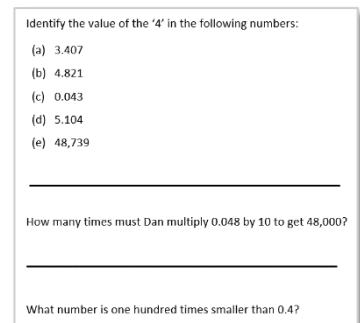
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

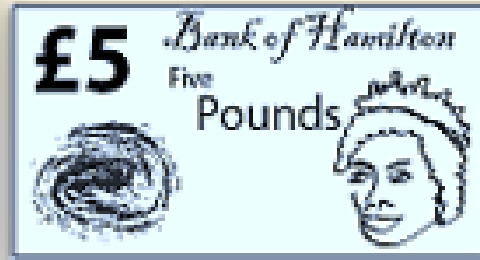


4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



## Learning Reminders

Count up to find change from £5.

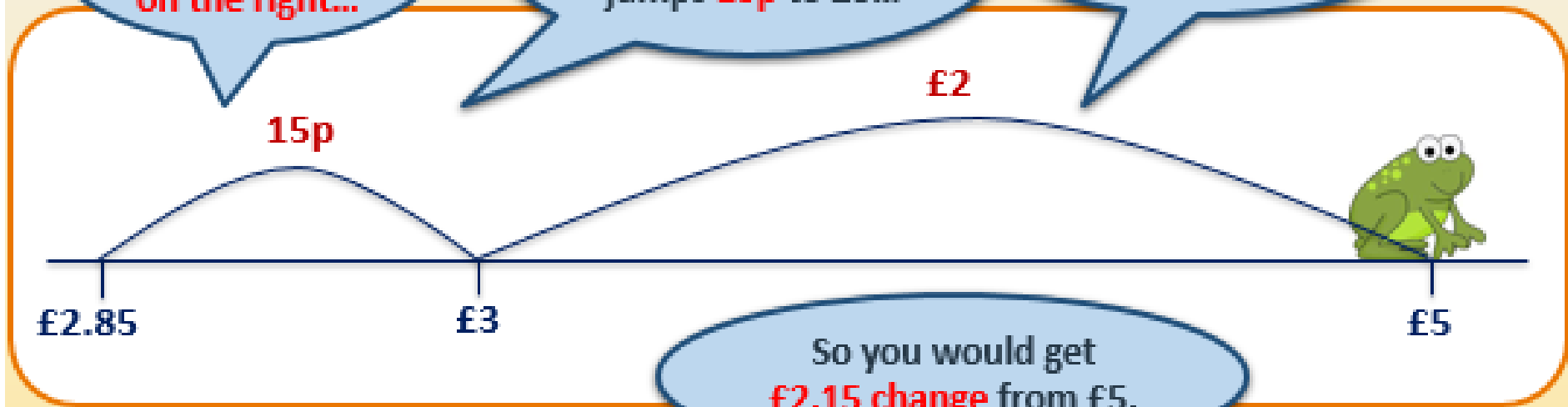


If you have £5 to spend and an item costs **£2.85**, how could you calculate the change?

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**.



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

## 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?**

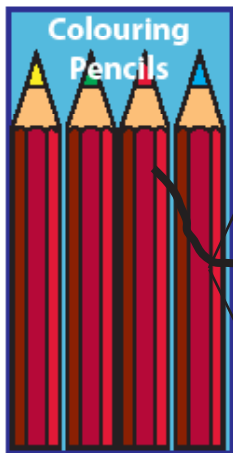
How much more to  
**£10?**

How much change  
this time?



## Practice Sheet Mild

### Finding change



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?

## Practice Sheet Hot

### Finding change



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:  $\pounds 5.00 - \pounds 3.79 = \pounds 1.21$

Pad of paper:  $\pounds 5.00 - \pounds 2.68 = \pounds 2.32$

Ticket 1:  $\pounds 5.00 - \pounds 2.85 = \pounds 2.15$

Ticket 2:  $\pounds 5.00 - \pounds 3.39 = \pounds 1.61$

Ticket 3:  $\pounds 5.00 - \pounds 1.78 = \pounds 3.22$

Ticket 4:  $\pounds 5.00 - \pounds 2.22 = \pounds 2.78$

### Challenge

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

## Finding change (hot)

Paint set:  $\pounds 10.00 - \pounds 7.79 = \pounds 2.21$

Brushes:  $\pounds 10.00 - \pounds 5.85 = \pounds 4.15$

Ticket 1:  $\pounds 10.00 - \pounds 6.69 = \pounds 3.31$

Ticket 2:  $\pounds 10.00 - \pounds 8.29 = \pounds 1.71$

Ticket 3:  $\pounds 10.00 - \pounds 7.56 = \pounds 2.44$

Ticket 4:  $\pounds 10.00 - \pounds 5.34 = \pounds 4.66$

### Challenge

$$\pounds 20 - \pounds 18.77 = \pounds 1.23$$

$$\pounds 20 - \pounds 15.44 = \pounds 4.56$$

$$\pounds 20 - \pounds 12.11 = \pounds 7.89$$

$$\pounds 20 - \pounds 14.57 = \pounds 5.43$$

$$\pounds 20 - \pounds 11.24 = \pounds 8.76$$

$$\pounds 20 - \pounds 7.66 = \pounds 12.34$$

$$\pounds 20 - \pounds 17.66 = \pounds 2.34$$

$$\pounds 20 - \pounds 14.33 = \pounds 5.67$$

$$\pounds 20 - \pounds 16.79 = \pounds 3.21$$

$$\pounds 20 - \pounds 13.46 = \pounds 6.54$$

$$\pounds 20 - \pounds 10.13 = \pounds 9.87$$

$$\pounds 20 - \pounds 16.55 = \pounds 3.45$$

$$\pounds 20 - \pounds 13.22 = \pounds 6.78$$

$$\pounds 20 - \pounds 15.68 = \pounds 4.32$$

$$\pounds 20 - \pounds 12.35 = \pounds 7.65$$

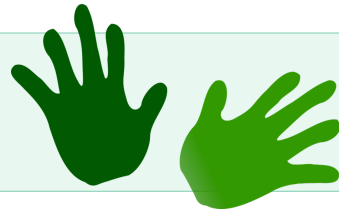
$$\pounds 20 - \pounds 17.90 = \pounds 2.10$$

## A Bit Stuck? Winter warmers

Work in pairs

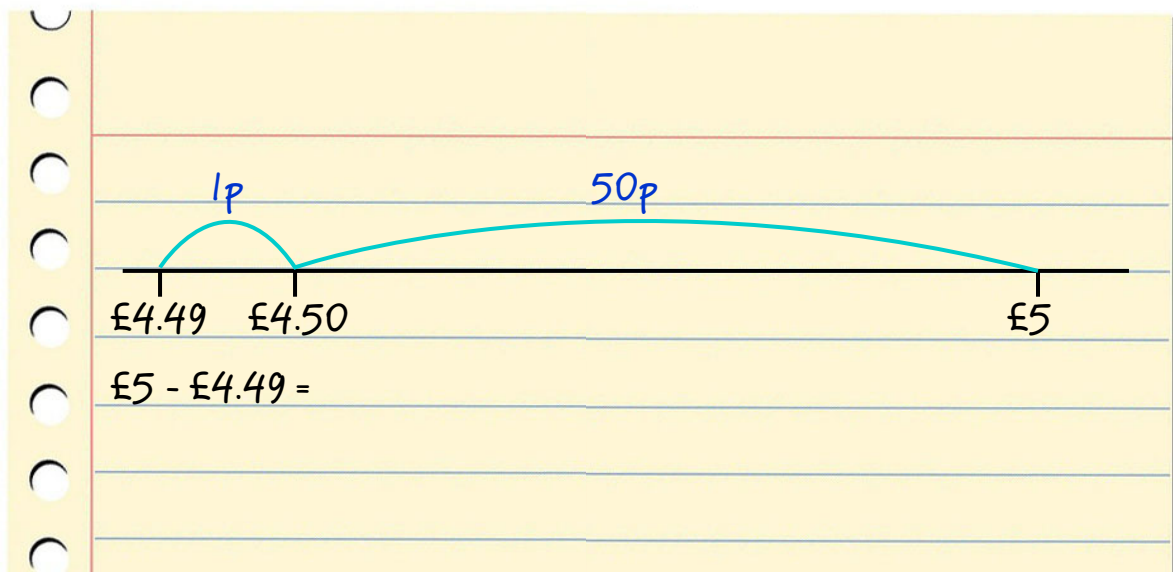
### Things you will need:

- 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?



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

Choose two hats and find the change from £10.

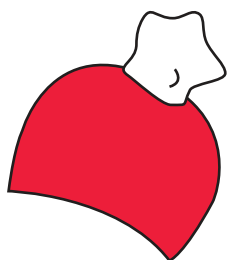
### Learning outcomes:

- 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.

[GO](#)[Your account](#)[Your basket](#)[Men's](#)[Women's](#)[Kid's](#)[Walking](#)[Running](#)[Climbing](#)[Camping](#)

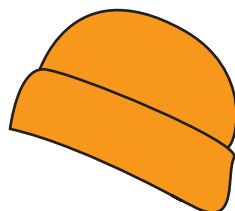
## Winter hats

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



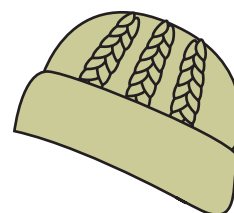
Red pom-pom beanie

**£4.49**

[Add to basket](#)

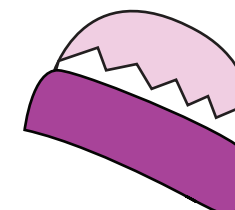
Orange plain knit beanie

**£4.85**

[Add to basket](#)

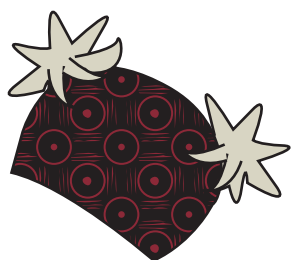
Khkai Aran knit beanie

**£4.63**

[Add to basket](#)

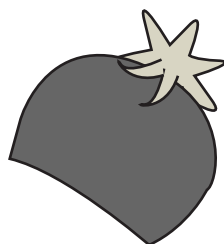
Purple zig-zag striped beanie

**£4.75**

[Add to basket](#)

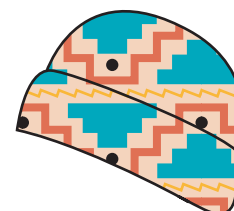
Techno pattern double pom-pom beanie

**£4.25**

[Add to basket](#)

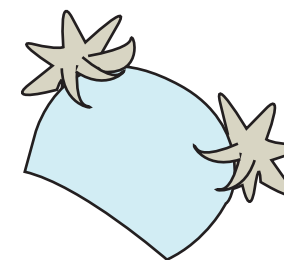
Grey pom-pom beanie

**£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

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## 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