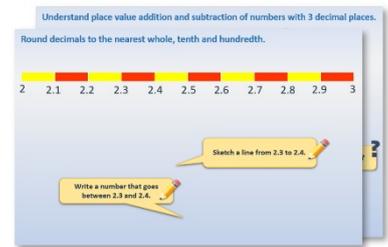


# Week 10, Day 3

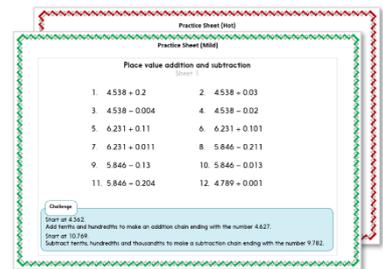
## Find a difference between two amounts of money

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

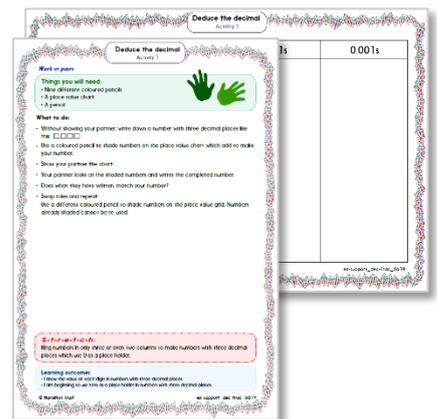
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



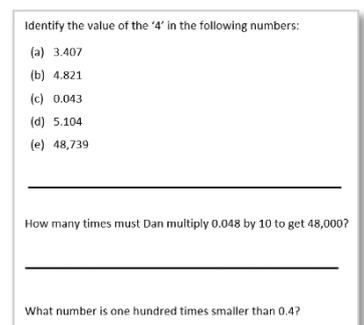
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

Use Frog to find the difference between two amounts of money.

A computer game costs £18.  
So far Katie has saved up £7.55.  
How much more does she need to save to be able to buy the game?

We can **count up** on a line to help Katie!

Draw a line and mark **£7.55 on the left** and **£18 on the right**.

Jump **5p** to the next 10p

... and then **40p** to £8.

... and then **£10** to £18.



Add the jumps  
 $£10 + 40p + 5p = ?$

**Katie needs to save £10.45 more.**

## Learning Reminders

Use Frog to find the difference between two amounts of money.

Another game costs £14.  
So far Jack has saved up £8.43.  
How much more does he need to save to be able to buy the game?

Draw a line and find out how much more Jack needs to save.

Jump **7p** to the next 10p

... and then **50p** to £9.

... and then **£5** to £14.



Draw a line and mark **£8.43 on the left** and **£14 on the right**.

Add the jumps  
 $£5 + 50p + 7p = ?$

Jack needs to save **£5.57 more**.

## Practice Sheet Mild

### How much more?

Visit a range of places and calculate the difference between the child and adult entry prices.

#### VISIT LONDON

Tower of London	child: £6.55	adult: £10
London Eye	child: £7.24	adult: £10
Houses of Parliament	child: £8.67	adult: £11
Buckingham Palace	child: £9.79	adult: £12
London Zoo	child: £9.31	adult: £12

#### VISIT CARDIFF

Cardiff Castle	child: £7.36	adult: £15
Museum of Wales	child: £11.08	adult: £18
Llandaff Cathedral	child: £8.47	adult: £14
Techniquest	child: £9.22	adult: £16
Roath Park	child: £12.55	adult: £19

## Practice Sheet Hot

### How much more?

Visit a range of places and calculate the difference between the child and adult entry prices.

#### VISIT BIRMINGHAM

Botanical Gardens	child: £5.29	adult: £7.50
Thinktank Science Museum	child: £10.35	adult: £14
National Sea Life Centre	child: £14.95	adult £22.17
Cadbury World	child: £13.45	adult: £18
Black Country Living Museum	child: £9.79	adult £19.90

#### VISIT EDINBURGH

Edinburgh Castle	child: £6.75	adult: £15.40
Holyrood Palace	child: £4.88	adult: £10.60
National Gallery	child: £8.06	adult: £17.00
Botanical Gardens	child: £13.47	adult: £21.30
Edinburgh Zoo	child: £11.31	adult: £19.10

# Practice Sheet Answers

## Practice Sheet (Mild)

Visit London

TofL    £10 - £6.55 = **£3.45**

LE        £10 - £7.24 = **£2.76**

HofP    £11 - £8.67 = **£2.33**

BP        £12 - £9.79 = **£2.21**

LZ        £12 - £9.31 = **£2.69**

Visit Cardiff

CC        £15 - £7.36 = **£7.64**

MofW   £18 - £11.08 = **£6.92**

LC        £14 - £8.47 = **£5.53**

T         £16 - £9.22 = **£6.78**

RP        £19 - £12.55 = **£6.45**

## Practice Sheet (Hot)

Visit Birmingham

Botanical Gardens                    child: £5.29            adult: £7.50            **£2.21**

Thinktank Science Museum           child: £10:35           adult: £14                **£3.65**

National Sea Life Centre            child: £14.95           adult £22.17            **£7.22**

Cadbury World                        child: £13.45           adult: £18                **£4.55**

Black Country Living Museum       child: £9.79            adult £19.90            **£10.11**

Visit Edinburgh

EC        £15.40 - £6.75 = **£8.65**

HP        £10.60 - £4.88 = **£5.72**

NG        £17 - £8.06 = **£8.94**

BG        £21.30 - £13.47 = **£7.83**

EZ        £19.10 - £11.31 = **£7.79**

## A Bit Stuck? Frog's beanies

**Work in pairs**

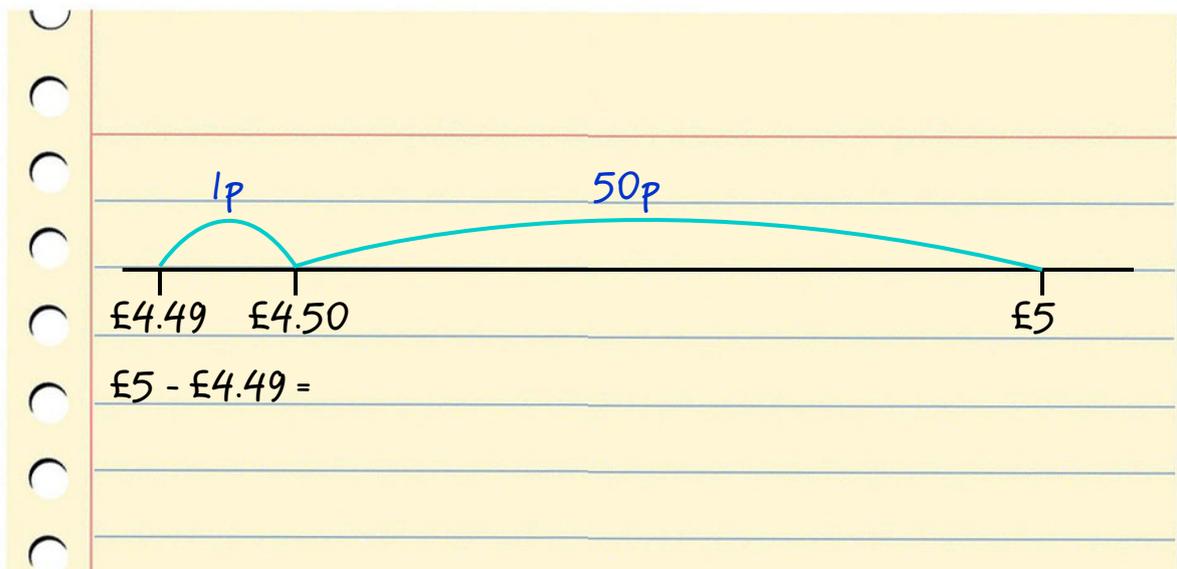
### Things you will need:

- 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.



Your account



Your basket

Men's

Women's

Kid's

Walking

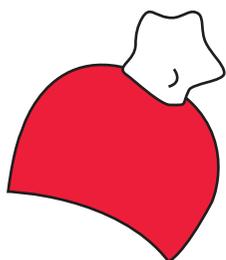
Running

Climbing

Camping

## Winter hats

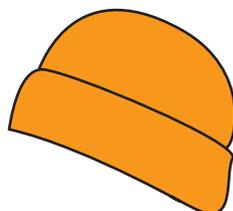
Wrap up and keep warm this winter with our latest range of winter hats.



Red pom-pom beanie

**£4.49**

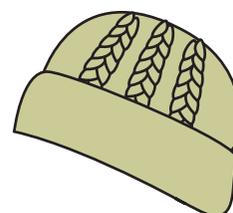
Add to basket



Orange plain knit beanie

**£4.85**

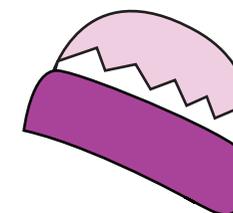
Add to basket



Khkai Aran knit beanie

**£4.63**

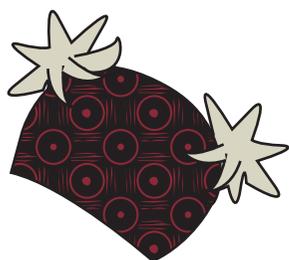
Add to basket



Purple zig-zag striped beanie

**£4.75**

Add to basket



Techno pattern double pom-pom beanie

**£4.25**

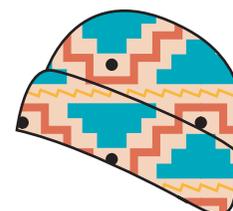
Add to basket



Grey pom-pom beanie

**£4.37**

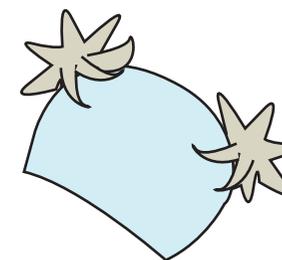
Add to basket



Aztec knit beanie

**£4.59**

Add to basket



Pale blue fluffy pom-pom beanie

**£4.46**

Add to basket

## Check your understanding: Questions

Calculate the change from £10 when buying:

- Key ring £5.68
- Cards £7.75

Calculate the change from £50 when buying:

- Game £34.75
- Controller £42.56

Calculate the change from £100 when buying:

- Game £67.43
- Console £85.85

---

Count up to find the difference between consecutive amounts in this list:

£7.78    £14.50    £17.95    £22.40    £30  
?            ?            ?            ?

*Fold here to hide answers:*

---

## Check your understanding: Answers

Calculate the change from £10 when buying:

- Key ring £5.68    **£4.32**
- Cards £7.75    **£2.25**

Calculate the change from £50 when buying:

- Game £34.75    **£15.25**
- Controller £42.56    **£7.44**

Calculate the change from £100 when buying:

- Game £67.43    **£32.57**
- Console £85.85    **£14.15**

**When counting up to the next 100, a common error is to add 10 too many, for example thinking  $43 + 67 = 100$  rather than  $43 + 57$ .**

---

Count up to find the difference between consecutive amounts.

£7.78            £14.50            £17.95            £22.40            £30  
**£6.72**            **£3.45**            **£4.45**            **£7.60**