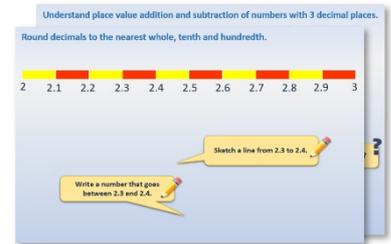


# Year 5: Week 1, Day 5

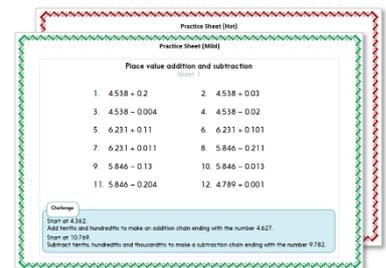
## Counting up to find change and money differences

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

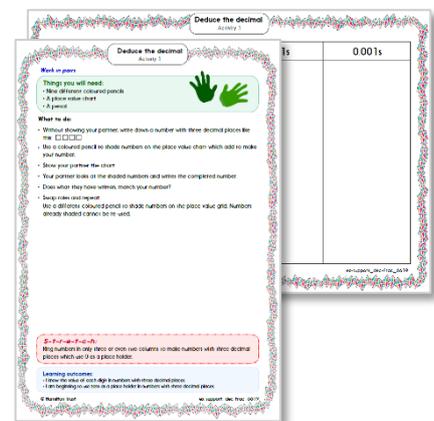
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



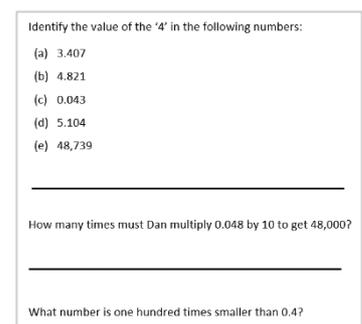
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

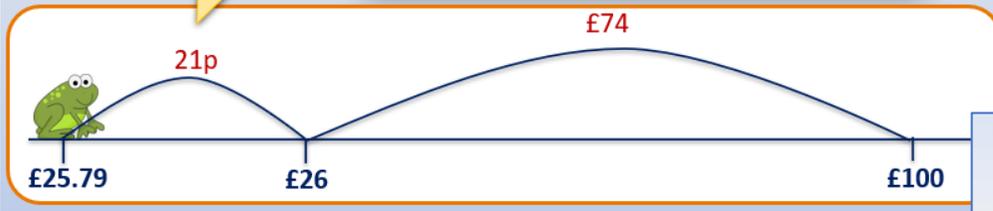
Count up to find change.

A child has been given £100 to make over their bedroom.

If she chose the beanbag, how much would she have left?

$$\pounds 100 - \pounds 25.79 = \pounds 74.21$$

On the hops, we must write the pence as p and the pounds as £.



Count up to find change.

What if she chose the CD player instead?

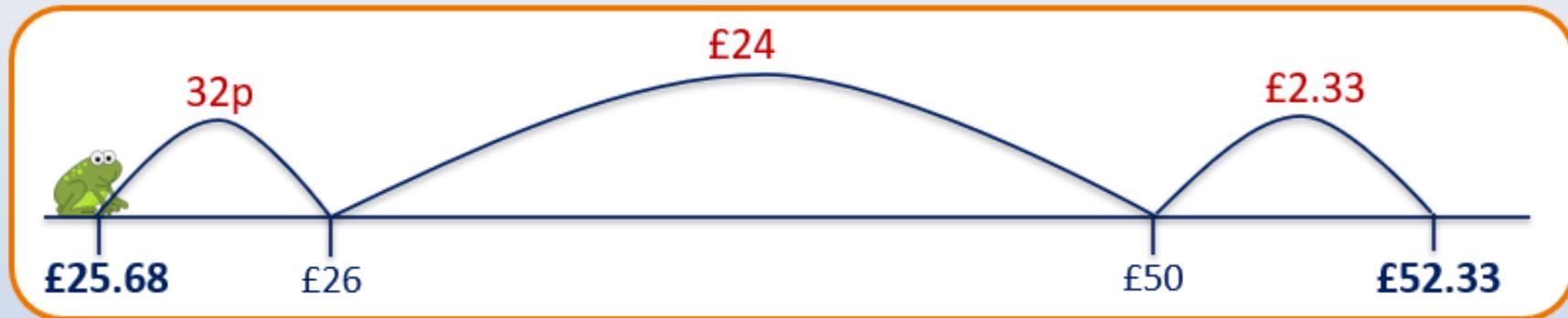
$$\pounds 100 - \pounds 48.67 = \pounds 51.33$$



## Learning Reminders

Count up to find money differences.

Hannah has **£25.68** in the bank. Jessie has **£52.33**.  
How much more does Hannah need to save to have the same amount as Jessie?



Add the hops:

$$£24 + £2.33 + 32p = £26.65$$

So, Hannah needs to save

$$£52.33 - £25.68 = £26.65$$

## Practice Sheet for All Finding change

Find the change from £50.

1.  $\boxed{\pounds 47.89}$

2.  $\boxed{\pounds 35.76}$

3.  $\boxed{\pounds 37.28}$

4.  $\boxed{\pounds 23.17}$

Find the change from £100.

5.  $\boxed{\pounds 74.89}$

6.  $\boxed{\pounds 84.25}$

7.  $\boxed{\pounds 64.38}$

8.  $\boxed{\pounds 25.47}$

Find the total and then the change from £100.

9.  $\pounds 45.23 + \pounds 24.68$

10.  $\pounds 52.78 + \pounds 23.42$

11.  $\pounds 36.46 + \pounds 27.35$

12.  $\pounds 54.29 + \pounds 16.47$

### Challenge

Find the total and then the change from £100:

13.  $\pounds 24.63 + \pounds 17.24 + \pounds 25.09$

14.  $\pounds 34.67 + \pounds 28.49 + \pounds 18.24$

## Practice Sheet Mild

### Estimating differences

Estimate the answers to these subtractions and write them in the correct column:

£29.25 - £25.99    £74.49 - £69.99    £23.35 - £18.75    £23.75 - £18.25    £42.65 - £38.49    £54.29 - £48.95

Then calculate each answer to check. Draw an arrow to show if a calculation needs to move to another column.

<£5	>£5

#### Challenge

Now write your own two subtractions to go in each column. Each digit must be different in each price.

## Practice Sheet Hot

### Estimating differences

Estimate the answers to these subtractions and write them in the correct column:

$$£72.45 - £63.79 \quad £58.36 - £38.17 \quad £56.83 - £34.36 \quad £61.46 - £41.27$$

$$£94.34 - £72.82 \quad £83.21 - £63.45 \quad £110.34 - £89.79 \quad £103.38 - £83.65$$

Then calculate each answer to check. Draw an arrow to show if a calculation needs to move to another column.

<£20	>£20

#### Challenge

Now write your own two subtractions to go in each column. Each digit must be different in each price.

## Practice Sheets Answers

### Finding change (Practice for all)

- $£50 - £47.89 = £2.11$
- $£50 - £35.76 = £14.24$
- $£50 - £37.28 = £12.72$
- $£50 - £23.17 = £26.83$
  
- $£100 - £74.89 = £25.11$
- $£100 - £84.25 = £15.75$
- $£100 - £64.38 = £35.62$
- $£100 - £25.47 = £74.53$
  
- $£45.23 + £24.68 = £69.91$   
 $£100 - £69.91 = £30.09$
  
- $£52.78 + £23.42 = £76.20$   
 $£100 - £76.20 = £23.80$
  
- $£36.46 + £27.35 = £63.81$   
 $£100 - £63.81 = £36.19$
  
- $£54.29 + £16.47 = £70.76$   
 $£100 - £70.76 = £29.94$

### Challenge

- $£24.63 + £17.24 + £25.09 = £66.96$   
 $£100 - £66.96 = £33.04$
  
- $£34.67 + £28.49 + £18.24 = £81.40$   
 $£100 - £81.40 = £18.60$

### Estimating differences (mild)

<b>&lt;£5</b>	<b>&gt;£5</b>
$£29.25 - £25.99 = £3.26$	$£23.75 - £18.25 = £5.50$
$£74.49 - £69.99 = £4.50$	$£54.29 - £48.95 = £5.34$
$£23.35 - £18.75 = £4.60$	
$£42.65 - £38.49 = £4.16$	

### Estimating differences (hot)

<b>&lt;£20</b>	<b>&gt;£20</b>
$£72.45 - £63.79 = £8.66$	$£58.36 - £38.17 = £20.19$
$£83.21 - £63.45 = £19.76$	$£56.83 - £34.36 = £22.47$
$£103.38 - £83.65 = £19.73$	$£61.46 - £41.27 = £20.19$
	$£94.34 - £72.82 = £21.52$
	$£110.34 - £89.79 = £20.55$

## A Bit Stuck? Change challenge

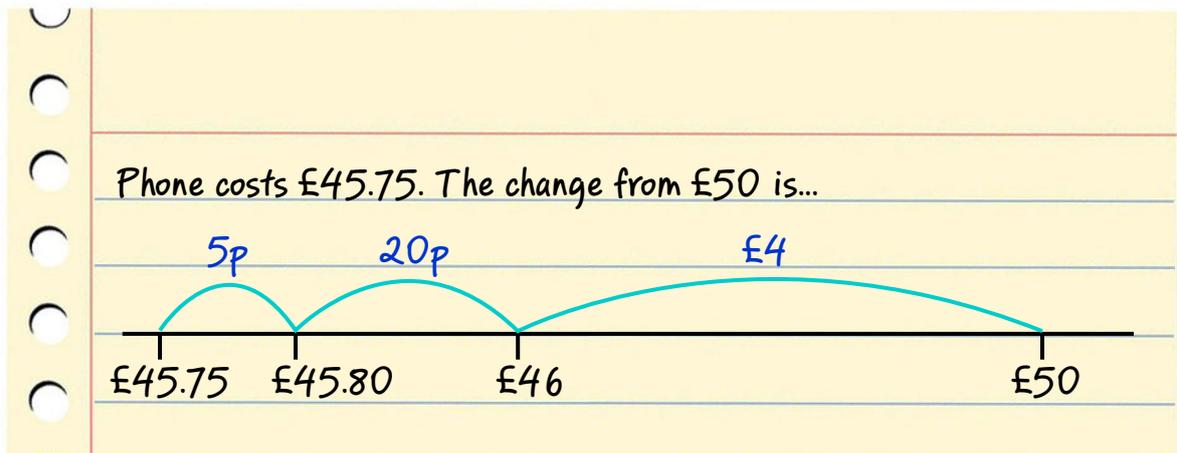
### Things you will need:

- A pencil



### What to do:

- Use Frog to help you to work out the change from £50 for as many items as you can! Draw a number line jotting starting at the price and ending at £50. Think where Frog will hop to on the way. Remember to add up your hops and jumps at the end!



Finally, complete the bar models on the next page.

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

Find the change from £50.

1.



£36.85

2.



£25.79

### Learning outcomes:

- I can use Frog to find the change from £50 (items priced between £40 and £50).
- I am beginning to use Frog to find the change from £50 (items priced less than £40).

## A Bit Stuck? Change challenge



£45.75

£50	
£45.75	?



£41.29

£50	
£41.29	?



£48.37

£50	
£48.37	?



£42.47




£40.65




£43.48




£47.83


## Check your understanding

### Questions

Kyla received £7.29 change from a £20 note. How much did she spend?

---

Has the shopkeeper given the correct change?

1. Item bought: £13.45  
Paid with: £50  
Change given: £36.55

2. Item bought: £64.79  
Paid with: £100  
Change given: £45.31

---

Write the missing digits:  $£75 - £24.\square6 = £\square\square.14$

---

Write two amounts with a difference of £34.76. The larger amount has 23p.

*Fold here to hide answers:*

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## Check your understanding

### Answers

Kyla received £7.29 change from a £20 note. How much did she spend? **£12.71. This is probably best-found (as many of the answers here) by counting up from the smaller to larger number (Frog).**

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Has the shopkeeper given the correct change?

1. Item bought: £13.45  
Paid with: £50      Change given: £36.55      **This is correct.**

2. Item bought: £64.79  
Paid with: £100      Change given: £45.31      **Incorrect; should be £35.21.**

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Write the missing digits:  $£75 - £24.\mathbf{86} = £\mathbf{50}.14$

---

Write two amounts with a difference of £34.76. The larger amount has 23p. **£76.23 and £41.47, £75.23 and £40.47 etc. Choose the starting amount and subtract £34.76 to solve this.**