If you have any questions about your learning, please email:
learning@wembleyprimary.brent.sch.uk

You do not need to send in any maths learning to your teacher, all answers have been provided for you to self mark.

Please complete learning in your home learning book.

You will also have maths work on Education City.

Day 3

Starter

$15\,360 \times \square = 153\,600$	$4687 \times 32 =$
How many complete weeks are there in 125 days?	**b)** Complete these equivalent pairs: $\frac{3}{4} = \frac{\quad}{8}$ $\frac{4}{6} = \frac{\quad}{3}$ $\frac{4}{\quad} = \frac{8}{10}$

Day 3

Use counting up to find change and differences between prices

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

1. 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!

Identify the value of the '4' in the following numbers:

(a) 3.407
(b) 4.821
(c) 0.043
(d) 5.104
(e) 48,739

How many times must Dan multiply 0.048 by 10 to get 48,000?

What number is one hundred times smaller than 0.4?

© Hamilton Trust

Learning Reminders

Use counting up to find change and differences between prices.

Let's pretend that you have a £100 budget for a bedroom makeover.

bean bag £14.79	lava lamp £18.49
duvet cover £24.45	rug £35.25
bookshelves £45.78	computer chair £32.45
computer desk £58.38	hanging chair £45.79

Let's choose two items, the bean bag and duvet cover.
We want to find how much change is left from our £100 budget.

We can use a **bar model** to show what we have spent and what we need to find.

£100		
Bean bag £14.79	Duvet £24.45	Change?

© Hamilton Trust

Learning Reminders

Use counting up to find change and differences between prices

This is a **2-step problem.**

First use column addition to find the total coat of the bean bag and duvet.

	£14.79
+	£24.45
	1 1
	£39.24

Then, **count up** using a number line jotting to find the change from £100.

£60.76 left!

Choose two more items from the list. Find the total cost, then calculate the change from £100.

© Hamilton Trust

Practice Sheet Mild

Finding change

Find the amount left over from £100 for each item.

Choose two of your answers to check with addition.

Challenge

Choose two items with a total cost of less than £100. How much would be left over from £100?

© Hamilton Trust

Practice Sheet Hot

Price differences

Find the difference in online and in-store price for each item:

	Online	In store	
Item	Price	Price	Difference
Beanbag	£23.75	£19.89	
Lava lamp	£37.89	£36.56	
Curtains	£75.59	£79.50	
Wallpaper	£23.67	£29.96	
Rug	£35.64	£32.78	
Paint	£21.35	£23.15	
Bookcase	£65.45	£59.69	
Cupboard	£58.49	£62.20	

© Hamilt on Trust

Challenge

Choose two items with a total cost of less than £100. How much would be left over from £100?
Repeat for another pair.

© Hamilton Trust

ANSWERS

Starter

$15\,360 \times \boxed{10} = 153\,600$	$4687 \times 32 =$ 149,984
How many complete weeks are there in 125 days? 17	b) Complete these equivalent pairs: $3/4 = 6/8$ $4/6 = 2/3$ $4/5 = 8/10$

Practice Sheets Answers

Finding change (mild)

Beanbag	£100 - £23.75 = £76.25
Lava lamp	£100 - £37.89 = £62.11
Bookcase	£100 - £65.45 = £34.55
Curtains	£100 - £75.59 = £24.41
Wallpaper	£100 - £23.67 = £76.33
Storage cabinet	£100 - £58.49 = £41.51
Paint	£100 - £21.35 = £78.65
Rug	£100 - £35.64 = £64.36

Challenge

Choose two items with a total cost of less than £100. How much would be left over from £100?

e.g. Orange paint £21.35 + lava lamp £37.89 = £59.24
£100 - £59.24 = £40.76
e.g. Space rug £35.64 + storage box £58.49 = £94.13
£100 - £94.13 = £5.87

Price differences (hot)

	Online	In store	
Item	Price	Price	Difference
Beanbag	£23.75	£19.89	£3.86
Lava lamp	£37.89	£36.56	£1.33
Curtains	£75.59	£79.50	£3.91
Wallpaper	£23.67	£29.96	£6.29
Rug	£35.64	£32.78	£2.86
Paint	£21.35	£23.15	£1.80
Bookcase	£65.45	£59.69	£5.76
Cupboard	£58.49	£62.20	£3.71

Challenge

Choose two items with a total cost of less than £100. How much would be left over from £100?

e.g. Orange paint £21.35 + lava lamp £37.89 = £59.24
£100 - £59.24 = £40.76
e.g. Space rug £35.64 + storage box £58.49 = £94.13
£100 - £94.13 = £5.87

© Hamilton Trust

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.

© Hamilton Trust

Hamilton Education go outdoors

Search 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

© Hamilton Trust

Check your understanding

Questions

Choose two numbers, then find the difference between them.

16.12	13.57	8.87	14.45

Repeat this twice.

Calculate the missing numbers:

(a) 23.4 – ☐ = 18.67

(b) 15.5 = ☐ + 8.78

(c) 32.4 – 18.55 = ☐

Calculate the change from £100 when buying:

- chair £56.89
- table £75.37
- rug £20.08

© Hamilton Trust

Check your understanding

Answers

Choose two numbers and find the difference between them.

Any 2 from:

16.12 - 14.45 = 1.67	16.12 - 13.57 = 2.55
16.12 - 8.87 = 7.25	14.45 - 13.57 = 0.88
14.45 - 8.87 = 5.58	13.57 - 8.87 = 4.7

Write the missing numbers.

(a) 23.4 - [4.73] = 18.67

(b) 15.5 = [6.72] + 8.78

(c) 32.4 - 18.55 = [13.85]

Find change from £100 when buying:

- chair £56.89 £43.11
- table £75.37 £24.63
- rug £20.08 £79.92

These are probably best answered by counting up to find the difference.

© Hamilton Trust