

Weekly Maths

YEAR 4 **

WEEK 2

Summer 2

This term we are going to focus on Time and Money. We will continue to use the same structure for the week but change the focus from arithmetic.

This week we will be focusing on adding money.

Day 1

YEAR 4

WEEK 2



Week 2 – Day 1

$$\begin{array}{r} \text{£}5.48 \\ + \text{£}1.27 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{£}8.38 \\ + \text{£}0.56 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{£}3.75 \\ + \text{£}2.53 \\ \hline \\ \hline \end{array}$$

Compact method

	3	5	1	7
+		3	9	6
	3	9	1	3



Week 2 – Day 1

$$\begin{array}{r} \pounds 45.80 \\ + \pounds 33.47 \\ \hline \\ \hline \end{array}$$

- A family is going bowling.
How much does it cost for 1 child and 1 adult at peak time?
How much does it cost for 1 adult and 2 children off peak?

Tickets	Peak	Off Peak
Adult	£8	£6
Child	£4.20	£5.30

- Amir buys some clothes in a half price sale.
- Jumper £14
 - Scarf £7
 - Hat £2.50
 - T-shirt £6.50



What would the full price of each item be?
How much would he have paid altogether if they were full price?
How much does he pay in the sale?
How much does he save?



Week 2 – Day 1 - Challenge

Eva has these coins:



She picks three coins at a time.

Decide whether the statements will be always, sometimes or never true.

- She can make a total which ends in 2
- She can make an odd amount.
- She can make an amount greater than £6
- She can make a total which is a multiple of 5 pence

Can you think of your own always, sometimes, never statements?



Week 2 – Day 1 - Answers

$$\begin{array}{r} \text{£}5.48 \\ + \text{£}1.27 \\ \hline \text{£}6.75 \\ \hline \end{array}$$

$$\begin{array}{r} \text{£}45.80 \\ + \text{£}33.47 \\ \hline \text{£}79.27 \\ \hline 1 \end{array}$$

$$\begin{array}{r} \text{£}3.75 \\ + \text{£}2.53 \\ \hline \text{£}6.28 \\ \hline \end{array}$$

$$\begin{array}{r} \text{£}8.38 \\ + \text{£}0.56 \\ \hline \text{£}8.94 \\ \hline \end{array}$$



Week 2 – Day 1 - Answers

- ◆ A family is going bowling.
How much does it cost for 1 child and 1 adult at peak time?
How much does it cost for 1 adult and 2 children off peak?

Tickets	Peak	Off Peak
Adult	£8	£6
Child	£4.20	£5.30

$$8.00 + 4.20 = \text{£}12.20$$

$$6.00 + 5.30 + 5.30 = \text{£}16.60$$

- ◆ Amir buys some clothes in a half price sale.

- Jumper £14
- Scarf £7
- Hat £2.50
- T-shirt £6.50



What would the full price of each item be?

How much would he have paid altogether if they were full price?

How much does he pay in the sale?

How much does he save?

Jumper £28 / Scarf £14 / Hat £5 / T-shirt £13
£60
£30
£30



Week 2 – Day 1 - Answers

Eva has these coins:



She picks three coins at a time.
Decide whether the statements will be
always, sometimes or never true.

- She can make a total which ends in 2
- She can make an odd amount.
- She can make an amount greater than £6
- She can make a total which is a multiple of 5 pence

Can you think of your own always,
sometimes, never statements?

- Never
- Sometimes
e.g. £3.05
- Never – she
can only
choose three
coins so the
largest
amount she
can make is
£5
- Always,
because every
coin is a
multiple of 5
pence

Day 2

YEAR 4

WEEK 2



Week 2 – Day 2

$$\begin{array}{r} \text{£}1.95 \\ + \text{£}5.67 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{£}7.82 \\ + \text{£}1.65 \\ \hline \\ \hline \end{array}$$

Try the compact method

	3	5	1	7
+		3	9	6
	3	9	1	3

$$\begin{array}{r} \text{£}4.87 \\ + \text{£}3.38 \\ \hline \\ \hline \end{array}$$



Week 2 – Day 4

Here is Dora's receipt.

Receipt	
Sandwich	
Orange juice	
Crisps	60 p
Banana	
TOTAL	

Use the information to complete the receipt:

- The sandwich costs £2.15 more than the crisps.
- The orange juice is the same price as the crisps and banana together.
- The banana is half the price of the crisps.

Complete the table by rounding each amount and finding the total.

Item 1	Item 2	Approximate Total
 £5.63	 £1.76	
 £3.05	 £11.54	

Annie has £15 to spend at the theme park.
She rides on the roller coaster which costs £4.34
Then she rides on the big wheel which costs £3.85
Approximately how much money will she have left?



Week 2 – Day 2 Answers

$$\begin{array}{r} \text{£}1.95 \\ + \text{£}5.67 \\ \hline \text{£}7.62 \end{array}$$

$$\begin{array}{r} \text{£}4.87 \\ + \text{£}3.38 \\ \hline \text{£}8.25 \end{array}$$

$$\begin{array}{r} \text{£}7.82 \\ + \text{£}1.65 \\ \hline \text{£}9.47 \end{array}$$

Here is Dora's receipt.





Receipt	
Sandwich	
Orange juice	
Crisps	60 p
Banana	
TOTAL	

Receipt	
Sandwich	£2.75
Orange juice	90 p
Crisps	60 p
Banana	30 p
TOTAL	£4.55



Week 2 – Day 2 - Answers

Complete the table by rounding each amount and finding the total.

Item 1	Item 2	Approximate Total	Actual totals
 £5.63	 £1.76	£8	£7.39
 £3.05	 £11.54	£14.50	£14.59

Annie has £15 to spend at the theme park.
She rides on the roller coaster which costs £4.34
Then she rides on the big wheel which costs £3.85
Approximately how much money will she have left?

She will have approximately £7.00 left because you can round £4.34 to £4.00 and £3.84 to £4.00.
 $£15.00 - £8.00 = £7.00$

Day 3

YEAR 4

WEEK 2



Week 2 – Day 3

A

$$\begin{array}{r} \pounds 45.80 \\ + \pounds 36.87 \\ \hline \\ \hline \end{array}$$

B

$$\begin{array}{r} \pounds 44.56 \\ + \pounds 58.82 \\ \hline \\ \hline \end{array}$$

C

$$\begin{array}{r} \pounds 32.95 \\ + \pounds 48.36 \\ \hline \\ \hline \end{array}$$



Week 2 – Day 3

D

$$\begin{array}{r} \pounds 43.10 \\ + \pounds 58.87 \\ \hline \\ \hline \end{array}$$

E

$$\begin{array}{r} \pounds 32.56 \\ + \pounds 58.82 \\ \hline \\ \hline \end{array}$$

F

$$\begin{array}{r} \pounds 67.75 \\ + \pounds 45.46 \\ \hline \\ \hline \end{array}$$



Challenge



Three children buy toys.
Can you work out who buys what?
Tommy buys a toy which rounds to £5
but gets change from £5
Amir buys two toys which total
approximately £25
Eva's toy costs 5 p more than the
number the cost rounds to.

If you had £30, what combinations could
you buy and what change would you
approximately get?



Week 2 – Day 3 - Answers

A: £82.67

B: £103.38

C: £81.31

D: £101.97

E: £91.38

F: £113.21

Tommy - car
Amira - computer game and rugby ball
Eve - panda

Please email us your answers to the bottom part of this question.

Day 4

YEAR 4

WEEK 2



Week 2 – Day 4



Table 1

Cola.....
Ice cream.....
Total.....

Table 2

Tea.....
Coffee

Pizza.....

Ham sandwich

Total

Table 3

2 × Tea.....
Large chips

Total

Table 4

2 × Lemonade.....
Coffee

2 × Ice cream

Small chips.....

Total.....

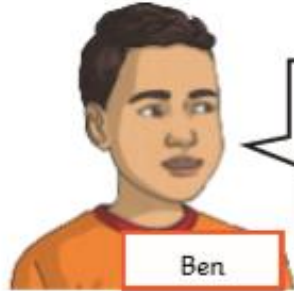


Week 2 – Day 4

A book costs £2.50.



I have two £1 coins,
two 20p coins and a
5p coin.



I have a £2 coin,
three 10p coins and
four 5p coins.

Can both of the children afford to buy the book? Explain how you know.

In each purse there are some coins which equal the given total.



6 coins = £1.09

What could the coins be? Write 2 different ways.

○ ○ ○ ○ ○ ○ = £1.09

○ ○ ○ ○ ○ ○ = £1.09



Week 2 – Day 4 - challenge

Here are some coins:



Tanya has 4 of these coins. Decide whether these statements about the coins are always, sometimes or never true. Explain why you think this and give examples to prove it.

a) Tanya has more than 12p.

b) Tanya has less than 50p.

c) Tanya has more than £7.

d) Tanya has an amount of money that is greater than £1 and less than £4.



Week 2 – Day 4 - Answers

Table 1

Cola.....	£2.49
Ice cream.....	£2.39
Total.....	£4.88

Table 2

Tea.....	£3.10
Coffee.....	£3.29
Pizza.....	£8.99
Ham sandwich.....	£6.99
Total.....	£22.37

Table 3

2 × Tea.....	£6.20
Large chips.....	£3.60
Total.....	£9.80

Table 4

2 × Lemonade.....	£4.70
Coffee.....	£3.29
2 × Ice cream.....	£4.78
Small chips.....	£2.60
Total.....	£15.37

Ben can afford the book because he has exactly £2.50 but Tom doesn't have enough money. He only has £2.45 so needs 5p more to buy the book.

Two of any of the following:

£1, 2p, 2p, 2p, 2p, 1p

£1, 5p, 1p, 1p, 1p, 1p

50p, 50p, 5p, 2p, 1p, 1p



Week 2 – Day 4 – Answers to Challenge

a) Always.

If Tanya had the four smallest coins, the total would be $5p + 5p + 2p + 1p = 13p$. This is more than 12p so she would always have more than 12p.

b) Sometimes.

If Tanya had $£2 + 20p + 20p + 5p$, this makes a total of $£2.45$ which is greater than 50p.

If she had $10p + 10p + 5p + 5p$, this makes a total of 30p which is less than 50p so the statement is sometimes true.

c) Never.

If you add together the 4 greatest value coins that Tanya has, this would be less than $£7$.

$£2 + £2 + £1 + 50p$ makes a total of $£5.50$ so the statement is never true.

d) Sometimes.

If Tanya had $£2 + £2 + 50p + 20p$, this makes a total of $£4.70$ which is greater than $£4$ so the statement is not true.

However, if Tanya had $£1 + 50p + 50p + 1p$ this makes a total of $£2.01$ which is between $£1$ and $£4$ so the statement is true.

Overall, the statement is sometimes true.

Day 5

YEAR 4

WEEK 2



Week 2 – Day 5

1: Tommy goes strawberry picking. A small punnet costs £4.99 and a large punnet costs £5.99. He buys two large punnets and one small punnet.

How much money has he spent altogether?

2) Here are the prices of tickets for the cinema. There are different prices for weekday and weekend tickets.

Tickets	Weekday	Weekend
Adult	£6.80	£9.20
Child	£5	£8

How much would it cost in total for:

- a) 1 adult and 1 child during the week to go to the cinema?
- b) 1 adult and 2 children during the weekend to go to the cinema?



Week 2 – Day 5

- 3) The toy shop has a sale. Everything is half price!
This is what Suki bought.

Item	Sale Price	Full Price
computer game	£16	
art set	£9	
book	£5.30	
drawing pad	£2.50	

- Find the full price of each item.
- How much in total did Suki pay?
- How much in total would the items have cost before the sale?

4: Some cats called Ziggy and LuLu go to a secret cat market and buy some treats. Ziggy (who is a piggy) buys 2 blocks of cheese. They cost £2.36 each. LuLu buys a tin of tuna which costs £2.25.

How much money have they spent in total?

5: Dobby wants to buy Harry Potter a present. He buys him a magical spell book which costs £26.35 and two packets of Bertie Botts every flavour beans for £5.75 each.

How much money has he spent altogether?





Week 2 – Day 5 – Challenge

You are only allowed to use one voucher.
Which voucher would save you the largest amount
of money?

Pizza = £8.75

Drink = £2.50

Side = £3.99

2 pizzas

2 drinks

2 sides



Voucher 1

Buy one get one free
on everything.

Voucher 2

£15 off any bill
totalling more than £25.



Week 2 – Day 5 - Answers

1: £16.97

2) a) £11.80

b) £25.20

3) a)

Item	Sale Price	Full Price
computer game	£16	£32
art set	£9	£18
book	£5.30	£10.60
drawing pad	£2.50	£5

b) £32.80

c) £65.60

5: £6.97

6: £37.85

Challenge:

With Voucher 1:

$$\mathbf{£8.75 + £2.50 + £3.99 = £15.24}$$

With Voucher 2:

$$\mathbf{£8.75 \times 2 = £17.50}$$

$$\mathbf{£2.50 \times 2 = £5}$$

$$\mathbf{£3.99 \times 2 = £7.98}$$

$$\mathbf{£17.50 + £5 + £7.98 = £30.48}$$

$$\mathbf{£30.48 - £15 = £15.48}$$

Voucher 1 would give the greater savings.