

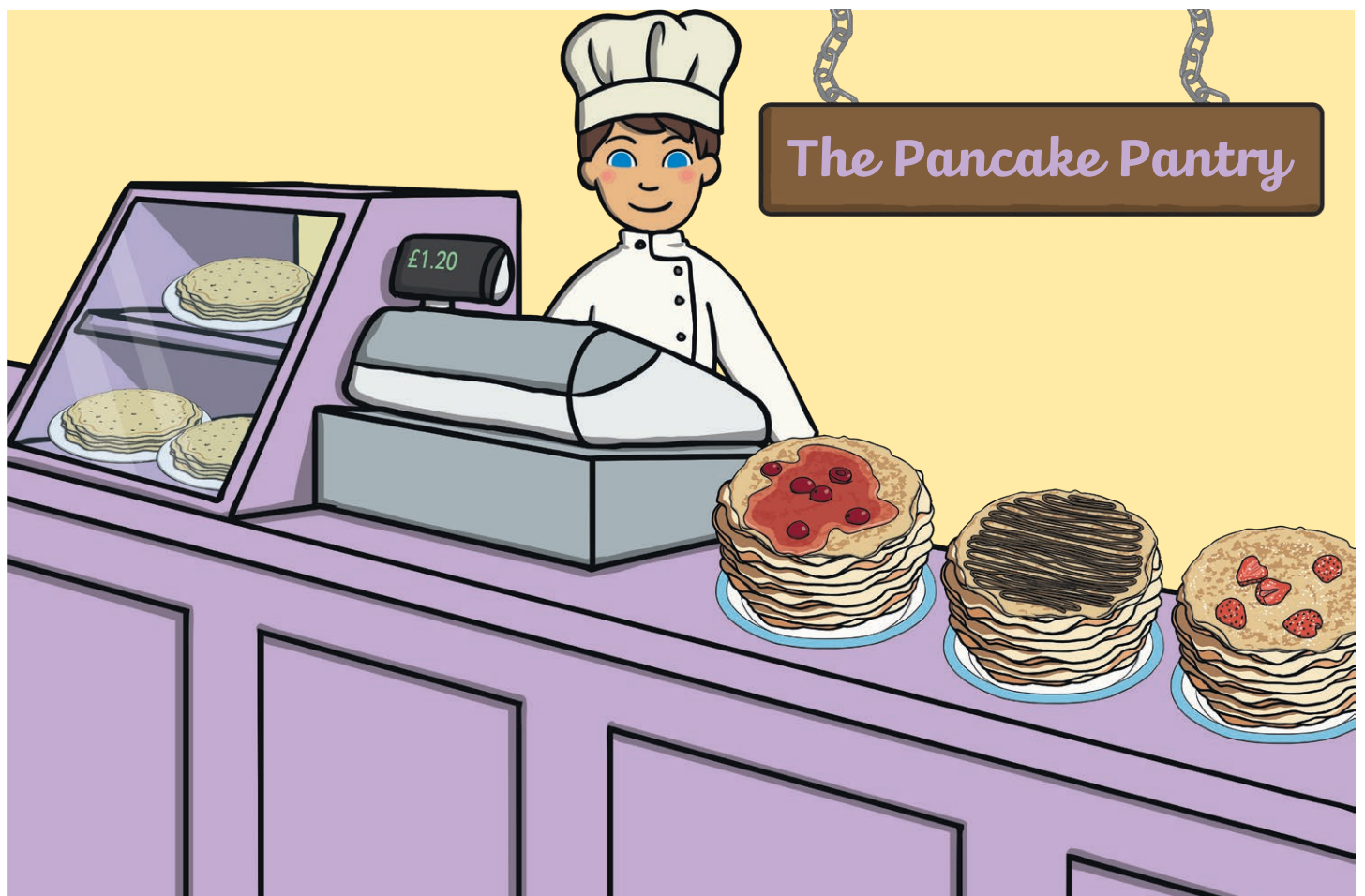
Peter Perkins' Pancake Problem-Solving Maths Mystery Game

Pattie Pan owns a very popular shop called The Pancake Pantry. She has a reputation for making the lightest, tastiest pancakes, with the most interesting toppings. Her shop is always busy and people often come back to sample more of her perfect pancakes.

However, disaster has struck! Pattie has made twenty-five fresh pancakes for Peter Perkins' birthday party at The Pancake Pantry. Someone has sneaked in while Peter was opening his presents and taken more than a bite from each of the pancakes! Who would do such an awful thing?

Your mission is to use the descriptions of everyone at the party and find out the identity of the pancake pincher who spoilt poor Peter's party.

Good luck!



Name	Male or Female	Age	Type of Shoes	Wears a Hat	Favourite Pancake Topping
Amina	female	10	sparkly	no	maple syrup
Bertie	male	9	trainers	yes	ice cream
Cassie	female	11	pumps	yes	chocolate sauce
Dean	male	8	trainers	yes	fruit
Evie	female	9	pumps	no	maple syrup
Fiona	female	10	pumps	no	ice cream
Gabian	male	9	boots	yes	fruit
Harry	male	10	trainers	no	chocolate sauce
Isabella	female	8	sparkly	no	maple syrup
Jin	male	9	boots	yes	ice cream
Kemel	male	11	trainers	yes	fruit
Lea	female	11	trainers	yes	fruit
Mischa	female	10	sparkly	yes	maple syrup
Nizar	male	9	pumps	no	fruit
Oscar	male	9	trainers	yes	chocolate sauce
Paul	male	9	trainers	yes	ice cream
Quentin	male	11	pumps	no	chocolate sauce
Ru	male	10	trainers	yes	maple syrup
Seb	male	9	trainers	yes	fruit
Tina	female	11	boots	yes	fruit
Usman	male	9	pumps	no	chocolate sauce
Vanessa	female	8	sparkly	no	ice cream
Wade	male	10	trainers	yes	maple syrup
Yves	female	9	trainers	yes	fruit
Zena	female	8	pumps	yes	ice cream



Clue 1

Flipping Pancakes

Fill in the missing numbers in each row.

Count on in steps of 2 and complete the number sequence.

4      

Count on in steps of 10 and complete the number sequence.

16      

Count on in steps of 5 and complete the number sequence.

15      

Count on in steps of 3 and complete the number sequence.

2      

Count back in steps of 1 and complete the number sequence.

23      

Count back in steps of 2 and complete the number sequence.

12      

Find the numbers that you have written in the frying pans and make a sentence to solve the first clue.

9 wear	80 did	16 pancake	11 on
25 peckish	15 shoes	7 not	76 pincher
0 hat	17 wore	20 the	45 a

Answer to clue 1: _____





Clue 2

Terrific Toppings

Use these toppings to find the answers to the addition and subtraction statements. Then, use the answers to work out clue number two.

naughty 13	female 8	pancake 17
isn't 10	not 25	the 18
pincher 6	male 15	was 9



 = 5  = 8  = 4  = 10  = 20  = 3

 +  =

 -  =

 +  =

 +  =

 -  =

 -  =

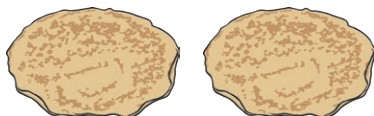
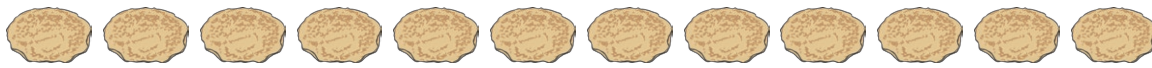
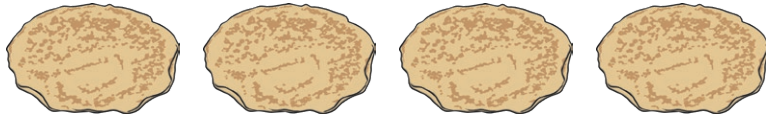
Answer to clue 2: _____



Clue 3

Pancakes to 20

Match up the number needed to make a total of 20. Use the words to solve the third clue.



17
pumps

15
pancake

18
trainers

13
the

3
boots

10
did

16
thief

8
wore

11
sparkly

14
not

Answer to clue 3: _____



Clue 4

Missing Pancake Numbers

Complete the number statements and solve the fourth clue.

$$2 \times \text{pancake} = 8$$

$$18 \div 2 = \text{pancake}$$

$$5 \times \text{pancake} = 15$$

$$\text{pancake} \div 10 = 4$$

$$\text{pancake} \times 5 = 30$$

$$24 \div 2 = \text{pancake}$$

$$7 \times \text{pancake} = 70$$

2 ten	40 years	20 eight
6 old	7 chocolate	3 the
4 pancake	12 nine	9 pincher
10 was	25 banana	14 eleven

Answer to clue 4: _____



Clue 5



Amazing Pancakes!

Find a path by counting in 5s to solve the final clue and find out which topping was the pancake eater's favourite.

start	5	6	7	8	9	10	11
14	10	15	20	18	19	20	21
14	12	11	25	30	25	2	15
13	15	16	19	35	10	21	22
10	18	15	31	40	45	48	50
15	33	14	10	38	50	55	15
25	20	12	20	33	15	60	20
5 chocolate sauce	30	10 ice cream	19	35 maple syrup	22	65 fruit	90

The pancake pilferer's favourite topping was _____

Have you worked out who the pancake pincher at Peter Perkin's pancake party is?

It was _____

Clue 1: Flipping Pancakes

4, 6, 8, 10, 12, 14, **16**

16, 26, 36, 46, 56, 66, **76**

15, 20, 25, 30, 35, 40, **45**

2, 5, 8, 11, 14, 17, **20**

23, 22, 21, 20, 19, 18, **17**

12, 10, 8, 6, 4, 2, **0**

9 wear	80 did	16 pancake	11 on
25 peckish	15 shoes	7 not	76 pincher
0 hat	17 wore	20 the	45 a

Answer to clue 1: **The pancake pincher wore a hat.**

Clue 2: Terrific Toppings

$5 + 4 = 9$

$20 - 3 = 17$

$10 + 8 = 18$

$10 + 3 = 13$

$10 - 4 = 6$

$20 - 5 = 15$

naughty 13	female 8	pancake 17
isn't 10	not 25	the 18
pincher 6	male 15	was 9

Answer to clue 2: **The naughty pancake pincher was male.**

Clue 3: Pancakes to 20

17 pumps

15 pancake

18 trainers

13 the

3 boots

10 did

16 thief

8 wore

11 sparkly

14 not

Answer to clue 3: **The pancake thief wore trainers.**

Clue 4: Missing Pancake Numbers

$$2 \times 4 = 8$$

$$18 \div 2 = 9$$

$$5 \times 3 = 15$$

$$40 \div 10 = 4$$

$$6 \times 5 = 30$$

$$24 \div 2 = 12$$

$$7 \times 10 = 70$$

2 ten	40 years	20 eight
6 old	7 chocolate	3 the
4 pancake	12 nine	9 pincher
10 was	25 banana	14 eleven

Answer to clue 4: **The pancake pincher was nine years old.**

Clue 5: Amazing Pancakes

start	5	6	7	8	9	10	11
14	10	15	20	18	19	20	21
14	12	11	25	30	25	2	15
13	15	16	19	35	10	21	22
10	18	15	31	40	45	48	50
15	33	14	10	38	50	55	15
25	20	12	20	33	15	60	20
5 chocolate sauce	30	10 ice cream	19	35 maple syrup	22	65 fruit	90

Answer to clue 5: **The pancake pilferer's favourite topping was fruit.**

The pancake pincher at Peter Perkin's pancake party was **Seb**.