

The Mystery of the Surprise Summer Holiday Destination

School holidays are great! After working hard for weeks on end, the holidays are a chance to have a break and relax. Some families use this time to go away on trips or holidays. This summer, the Twinkl family are planning to do the same.

Mr and Mrs Twinkl have decided to take their family on a summer holiday but they are not telling them where they are going. The destination is a surprise.

Can you solve the clues to work out the mystery of the surprise summer holiday destination that the Twinkl family will be heading to on their holiday this year?



The Mystery of the Surprise Summer Holiday Destination

Destination	Miles from London	Average Temperature in August (°C)	Type of Holiday	Accommodation	Transport
Cornwall	283	17	beach	tent	car
Iceland	1173	10	adventure	motorhome	ferry
Jamaica	4695	32	beach	hotel	plane
Scotland	470	19	camping	tent	car
France	526	24	beach	motorhome	ferry
New York	3459	25	city	hotel	plane
Tenerife	2286	25	beach	villa	plane
Ireland	455	16	camping	tent	ferry
Thailand	5824	29	beach	hotel	plane
Turkey	2364	28	beach	villa	plane
Egypt	2344	35	beach	hotel	plane
Lake District	244	14	camping	tent	car
Australia	9461	18	adventure	motorhome	plane
Brazil	5496	25	city	hotel	plane
Wales	209	16	beach	motorhome	car
Japan	5870	29	city	hotel	plane
Mexico	5454	35	beach	villa	plane
Belgium	253	22	city	hotel	ferry
California	5318	29	beach	hotel	plane
Kenya	6195	23	adventure	hotel	plane
Italy	1149	22	city	villa	plane
Canada	3896	20	adventure	motorhome	plane
New Zealand	11659	14	adventure	motorhome	plane
Greece	1850	32	beach	villa	plane

Clue 1: True or False?

The Twinkl family live in London. The first clue will reveal how far away the holiday destination is from their home.



Identify whether these mathematical statements are true or false and tick the correct column.

If there are more true answers, the destination is under 5000 miles from London.

If there are more false answers, the destination is over 5000 miles from London.

	True	False
$\text{XCVI} > \text{LXII}$		
$\frac{3}{4}$ of 52 = 40		
$70 \times 0.8 = 168 \div 3$		
$\text{CCXI} \times \text{X} = \text{MMCX}$		
$2.781 > 2.871 < 2.178$		
$0.6 = \frac{2}{3}$		
$57530 \div 100 > 57.53 \times 100$		
$\frac{2}{5}$ of 80 = $\frac{1}{2}$ of 64		
$840 \div 6 = 0.14 \times 1000$		
Total		

Clue 1: The surprise summer holiday destination is _____.

Clue 2: Word Search

The second clue will reveal what type of holiday the Twinkl family are going on. Find all of the prime, squared and cubed numbers up to 50 written in words in this grid and highlight them.



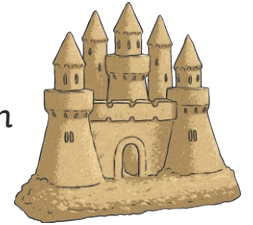
The remaining letters will spell out the answer to the next clue.







f	e	e	r	h	t	y	t	n	e	w	t	t
o	t	w	e	n	t	y	s	e	v	e	n	h
r	t	h	e	e	r	h	t	e	t	e	e	i
t	h	i	r	t	y	s	i	x	h	r	e	r
y	n	e	v	e	s	y	t	r	i	h	t	t
s	e	v	e	n	h	o	l	i	r	t	e	e
e	n	i	n	y	t	n	e	w	t	y	n	e
v	d	a	e	i	g	h	t	y	y	t	i	n
e	n	i	n	y	t	r	o	f	o	r	n	w
n	e	i	l	t	w	o	l	b	n	o	e	e
a	v	s	i	x	t	e	e	n	e	f	b	v
e	e	v	i	f	y	t	n	e	w	t	e	i
n	l	a	c	h	o	n	e	h	o	l	i	f
i	e	d	a	y	f	o	r	t	y	o	n	e
n	e	e	t	n	e	v	e	s	f	o	u	r

Clue 2: _____

Clue 3: Buying the Essentials

Before going away, it is important that the Twinkl family buy the essentials for their trip. Use the prices of these holiday items and find the answer to each question. Then, highlight the answers in the grid and rearrange the words to spell out how the Twinkl family are planning to travel.



<p>sun cream</p>  <p>£4.75</p>	<p>binoculars</p>  <p>£22.64</p>	<p>map</p>  <p>£6.89</p>
<p>first aid kit</p>  <p>£12.50</p>	<p>suitcase</p>  <p>£45.99</p>	<p>sunglasses</p>  <p>£3.45</p>

3 first aid kits =	binoculars + first aid kit + sunglasses =	4 sun creams + map =
2 suitcases + binoculars =	sun cream + first aid kit + map =	map + 3 sunglasses + sun cream =

£10.35 motorhome	£25.89 the	£17.25 car	£38.59 will
£37.50 travel	£19.00 ferry	£91.98 not	£24.14 by
£114.62 family	£45.28 be	£21.99 plane	£11.64 travelling

Clue 3: _____.

Clue 4: Codebreaker



The Twinkl family are trying to work out what kind of accommodation they will be staying in during their summer holiday.

Calculate which two factors make each number in the grids below and then find the corresponding letter in the multiplication grid to spell out the clue.

×	12	3	16	9	50	6	1
7	o	s	z	b	n	z	x
32	c	b	j	w	d	k	m
2	u	p	m	r	q	a	b
5	i	f	d	w	y	d	o
8	k	u	j	h	p	t	z
17	o	l	u	v	c	x	g
4	t	a	e	u	q	u	j

48	72	64

15	12	32	60	51	250

12	18	64

21	48	12	250	60	350	17

60	350

12

153	60	51	51	12

Clue 4: _____

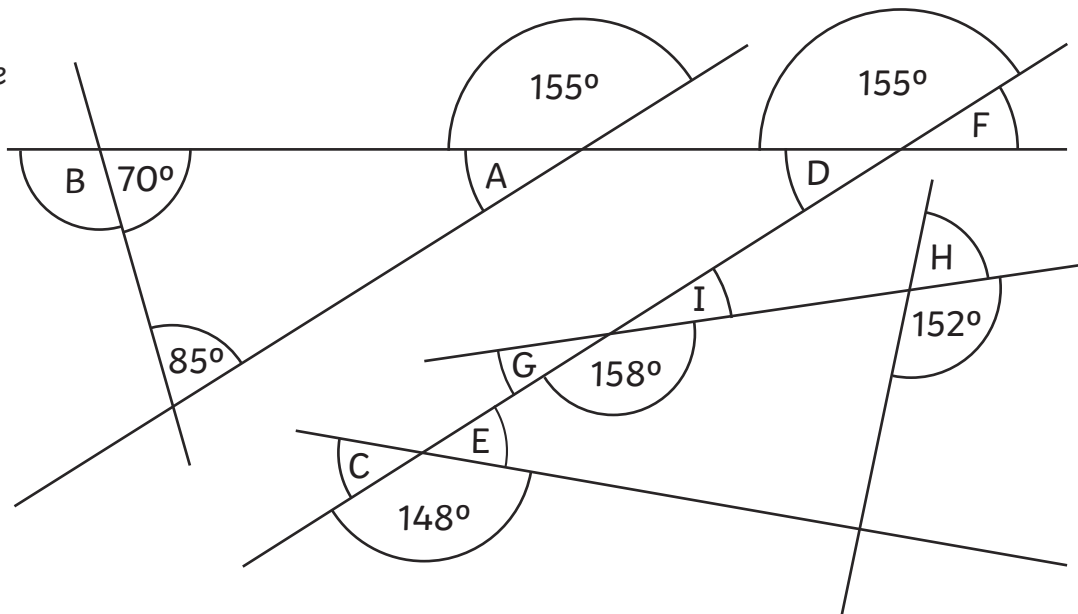
Clue 5: Missing Angles

The Twinkl family would like to know the average temperature in their summer holiday destination during August so they know what to pack.

Calculate the value of the missing angles A to I. The most common answer is the average temperature of their destination in °C.



not to scale



A =	B =	C =
D =	E =	F =
G =	H =	I =

Clue 5: The most common answer is _____° so the average temperature is _____°C.

The mystery surprise summer holiday destination is _____.

The Mystery of the Surprise Summer Holiday Destination **Answers**

Clue 1: True or False?

	True	False
$\text{XCVI} > \text{LXII}$	✓	
$\frac{3}{4}$ of 52 = 40		✓
$70 \times 0.8 = 168 \div 3$	✓	
$\text{CCXI} \times \text{X} = \text{MMCX}$	✓	
$2.781 > 2.871 < 2.178$		✓
$0.6 = \frac{2}{3}$		✓
$57530 \div 100 > 57.53 \times 100$		✓
$\frac{2}{5}$ of 80 = $\frac{1}{2}$ of 64	✓	
$840 \div 6 = 0.14 \times 1000$	✓	
Total	5	4

Clue 1: The surprise summer holiday destination is **under 5000 miles from London.**

Clue 2: Word Search

f	e	e	r	h	t	y	t	n	e	w	t	t
o	t	w	e	n	t	y	s	e	v	e	n	h
r	t	h	e	e	r	h	t	e	t	e	e	i
t	h	i	r	t	y	s	i	x	h	r	e	r
y	n	e	v	e	s	y	t	r	i	h	t	t
s	e	v	e	n	h	o	l	i	r	t	e	e
e	n	i	n	y	t	n	e	w	t	y	n	e
v	d	a	e	i	g	h	t	y	y	t	i	n
e	n	i	n	y	t	r	o	f	o	r	n	w
n	e	i	l	t	w	o	l	b	n	o	e	e
a	v	s	i	x	t	e	e	n	e	f	b	v
e	e	v	i	f	y	t	n	e	w	t	e	i
n	l	a	c	h	o	n	e	h	o	l	i	f
i	e	d	a	y	f	o	r	t	y	o	n	e
n	e	e	t	n	e	v	e	s	f	o	u	r

Clue 2: The holiday will be a beach holiday.

Clue 3: Buying the Essentials

3 first aid kits = £37.50	binoculars + first aid kit + sunglasses = £38.59	4 sun creams + map = £25.89
2 suitcases + binoculars = £114.62	sun cream + first aid kit + map = £24.14	map + 3 sunglasses + sun cream = £21.99

£10.35 motorhome	£25.89 the	£17.25 car	£38.59 will
£37.50 travel	£19.00 ferry	£91.98 not	£24.14 by
£114.62 family	£45.28 be	£21.99 plane	£11.64 travelling

Clue 3: The family will travel by plane.

Clue 4: Codebreaker

48	72	64
t	h	e

15	12	32	60	51	250
f	a	m	i	l	y

12	18	64
a	r	e

21	48	12	250	60	350	17
s	t	a	y	i	n	g

60	350
i	n

12
a

153	60	51	51	12
v	i	l	l	a

Clue 4: The family are staying in a villa.

Clue 5: Missing Angles

A = 25°	B = 110°	C = 32°
D = 25°	E = 32°	F = 25°
G = 22°	H = 28°	I = 22°

Clue 5: The most common answer is 25° so the average temperature is 25°C .

The mystery surprise summer holiday destination is **Tenerife**.