

Clue 1

Answer the questions about the bar chart and colour in the boxes with the correct answers.

Use these words to work out the first clue.

61 the	11 destination	31 isn't	13 is
44 in	19 the	23 abroad	59 UK

How many more people went to the art gallery than the theme park? **(31)**

How many fewer people went to the model village than to the castle? **(11)**

How many people chose to go to the beach? **(44)**

How many people went to the beach or the theme park? **(61)**

How many more people went to the art gallery than to the museum? **(19)**

How many people went to the museum or the castle? **(59)**

Clue 1: _____ **The destination isn't in the UK.**

Clue 2

Check these maths calculations. If a calculation is correct, put a tick. If it is incorrect, put a cross.

Count up the number of ticks and crosses.

If there are more ticks than crosses, the accommodation is a hotel.

If there are more crosses than ticks, the accommodation is camping.

	Correct	Incorrect
$3 \times 12 < 7 \times 4$		×
$150 - 68 = 82$	✓	
$49 \div 7 = 8$		×
$\frac{1}{2}$ of 68 = 34	✓	
$£1 + 5p + 20p = £1.52$		×
$32 \times 3 = 106$		×
$3400 \div 100 = 34$	✓	
2 litres = 2000ml	✓	
$693 + 10 = 703$	✓	
Total:	5	4

Clue 2: The accommodation is _____ **a hotel** _____.

Clue 3

Sort the numbers into the correct boxes. Some numbers will belong in more than one box.

The box with the most numbers in it will give you a clue about the road trip destination.

1 5 10 20
 4 8 14 40

Even numbers	Multiples of 4	Factors of 20
4, 8, 10, 14, 20, 40	4, 8, 20, 40	1, 4, 5, 10, 20
The destination is on the coast.	The destination is in the city.	The destination is in the countryside.

Clue 3: The destination is _____ **on the coast** _____.

Clue 4

How many of these fractions are equivalent to $\frac{1}{4}$?

$\frac{2}{8}$	$\frac{6}{24}$	$\frac{5}{20}$	$\frac{3}{4}$	$\frac{4}{16}$
$\frac{5}{11}$	$\frac{5}{8}$	$\frac{7}{28}$	$\frac{7}{12}$	$\frac{60}{100}$
$\frac{25}{44}$	$\frac{52}{100}$	$\frac{9}{36}$	$\frac{12}{48}$	$\frac{50}{200}$
$\frac{22}{44}$	$\frac{19}{36}$	$\frac{30}{50}$	$\frac{16}{30}$	$\frac{25}{40}$
$\frac{15}{60}$	$\frac{25}{100}$	$\frac{100}{400}$	$\frac{3}{12}$	$\frac{10}{40}$
$\frac{250}{1000}$	$\frac{16}{30}$	$\frac{12}{25}$	$\frac{30}{56}$	$\frac{40}{90}$

Number of fractions equivalent to $\frac{1}{4}$	Clue
< 15	The population is less than 50 000.
> 15	The population is more than 50 000.

Clue 4: The population is _____ **less than 50 000** _____.