The Mystery of the Missing Pirate Treasure

The pirates of the Jolly Jack have been searching the Caribbean for months looking for the lost treasure of the Crusty Clam. Legend has it that the Crusty Clam was damaged in a terrible storm and washed up on an island. In its hold was said to be a treasure chest full of gold, jewels and gems.

The Jolly Jack's captain, Olly Eyepatch, has thought of nothing but finding the lost treasure of the Crusty Clam. She has spent weeks searching through old pirate books and maps trying to find out which island the legendary treasure is buried on.
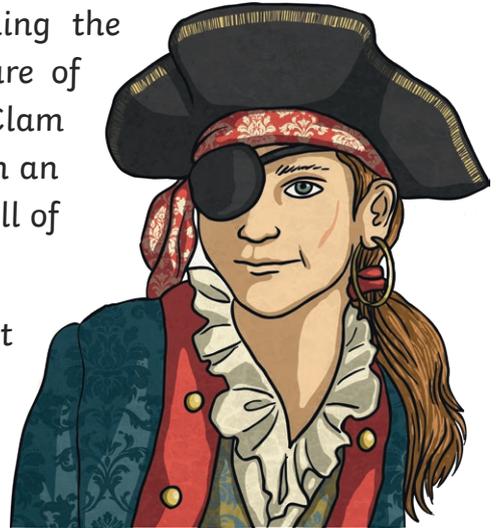
Can you help Olly Eyepatch and her pirate crew to solve the clues and find out which island the legendary treasure is buried on?

Good luck!

Location	Highest point above sea level	Population	Distance	Location of the island's treasure caves
Albatross Cliffs Island	220m	17 246	251 miles	north
Barnacle Beach Island	575m	82 105	164 miles	south-west
Cutlass Creek Island	8m	6504	25 miles	north-east
Deserted Island	22m	19 995	39 miles	south-west
Fenny Bank Island	3m	11 785	156 miles	north-east
Grotto Island	314m	22 700	264 miles	east
Golden Ghost Island	307m	1687	189 miles	south-west
Helter-Skelter Island	689m	8452	65 miles	west
Kelpie Bay Island	64m	21 564	100 miles	south-east
Limpet Lookout Island	192m	8658	36 miles	south-west
Mermaid Mile Island	60m	1562	8 miles	north-west
Poison Reef Island	1m	12 092	154 miles	south
Ring of Rocks Island	218m	560	92 miles	north-west
Sinister Pool Island	562m	861	87 miles	south-east
Vulture Valley Island	258m	9027	98 miles	south-east
Whitewater Bay Island	452m	2929	58 miles	south-east

The buried treasure can be found on: _____

Clue 1

Check these maths calculations. If a calculation is right, put a tick. If it is wrong, put a cross.

Count up the number of ticks and crosses.

If there are more ticks than crosses, the buried treasure is more than 150 metres above sea level.

If there are more crosses than ticks, the buried treasure is less than 150 metres above sea level.

	Right ✓	Wrong ✗
32.6 - 21.52 = 11.8		
10.04 + 17.37 = 27.41		
2.3 + 1.84 + 3.07 = 6.94		
95.32 - 26.86 = 68.46		
1.257 + 15.682 = 16.939		
68.72 - 39.562 = 29.162		
15.686 + 39.868 = 55.554		
107.248 - 57.3 = 49.948		
84.732 - 69.92 = 14.64		
Total		

Clue 1: _____

_____

Clue 2

Use written methods of multiplication and division to solve these calculations. Colour the answers in the table below. Re-arrange the shaded words to find the second clue.

1. 18 × 36 =	2. 756 ÷ 9 =	3. 8.2 × 12 =
4. 1024 ÷ 8 =	5. 19 × 28 =	6. 65 × 92 =

| 98.4	92.4	88	540
the	is more than	one thousand	six thousand
84	532	640	130
of the	population	five thousand	four thousand
648	128	5980	6980
island	is less than	ten thousand	three thousand

Clue 2: _____

_____

Clue 3

Answer the questions about the tide on the mystery treasure island. Colour the answers in the table below. Re-arrange the shaded words to find the third clue.

A Line Graph to Show the Level of the Island's Tide
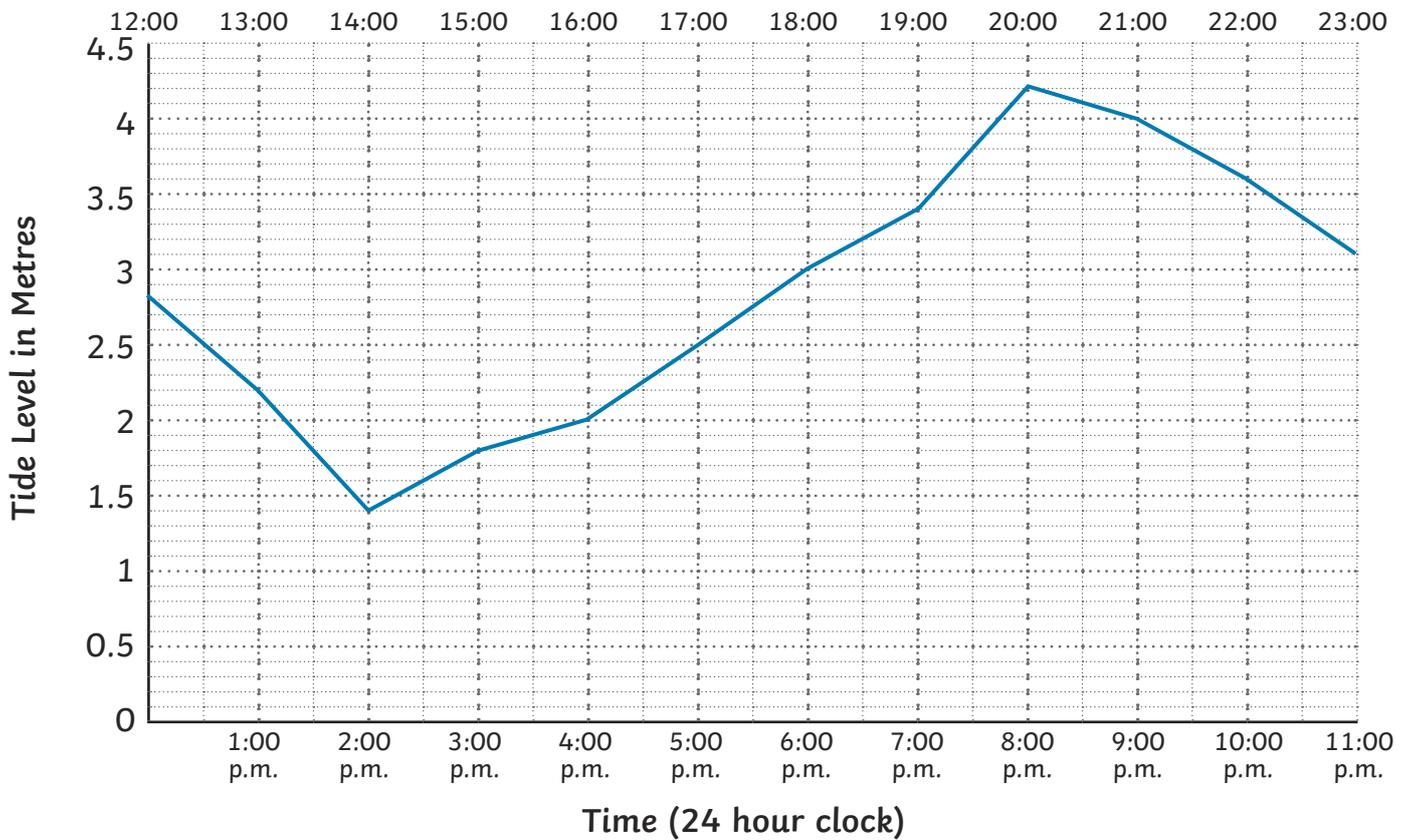
What is the height of the tide at 3:00 p.m. in the afternoon?

How many hours did it take for the tide to change from its lowest level to its highest level?

What is the height of the tide at 7:00 p.m.?

By how many metres did the tide level change between 2:00 p.m. and 8:00 p.m.?

By how many metres did the tide level change between 8:00 p.m. and 11:00 p.m.?

6 hours	1.7 metres	1.2 metres	1.1 metres
the	is less than	60 miles	70 miles
5 hours	3.4 metres	2.8 metres	1.8 metres
80 miles	island	is more than	away

Clue 3: _____

Clue 4

Order each set of numbers from smallest to largest. Take the largest number in each set and colour it in the table below. Re-arrange the shaded words to find the final clue.

1.	2.6	1.84	1.8	1.805	2.06
	_____	_____	_____	_____	_____
2.	1.1	1.2	2.1	1.19	2.2
	_____	_____	_____	_____	_____
3.	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{5}{6}$	$\frac{11}{24}$	$\frac{2}{3}$
	_____	_____	_____	_____	_____
4.	56 235	56 181	56 824	65 455	56 881
	_____	_____	_____	_____	_____
5.	56.268	562.68	5.626	56 268	5626.8
	_____	_____	_____	_____	_____

the south-west	located in	treasure caves	the north-east
2.06	$\frac{5}{6}$	2.2	2.1
island's	the south-east	the north	the east
2.6	$\frac{2}{3}$	56 881	5626.8
are	the south	the north-west	the west
65 455	1.84	56 268	$\frac{5}{8}$

Clue 4: _____

_____