

The Mystery of the Missing Pirate Treasure **Answers**

Clue 1

	Right	Wrong ✕
$32.6 - 21.52 = 11.8$		✕ (11.08)
$10.04 + 17.37 = 27.41$	✓	
$2.3 + 1.84 + 3.07 = 6.94$		✕ (7.21)
$95.32 - 26.86 = 68.46$	✓	
$1.257 + 15.682 = 16.939$	✓	
$68.72 - 39.562 = 29.162$		✕ (29.158)
$15.686 + 39.868 = 55.554$	✓	
$107.248 - 57.3 = 49.948$	✓	
$84.732 - 69.92 = 14.64$		✕ (14.812)
Total	5	4

Clue 1: **The buried treasure is more than 150 metres above sea level.**

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. $18 \times 36 = \mathbf{648}$	2. $756 \div 9 = \mathbf{84}$	3. $8.2 \times 12 = \mathbf{98.4}$
4. $1024 \div 8 = \mathbf{128}$	5. $19 \times 28 = \mathbf{532}$	6. $65 \times 92 = \mathbf{5980}$

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

Clue 2: **The population of the island is less than ten thousand.**

Clue 3

What is the height of the tide at 3:00 p.m. in the afternoon? **(1.8 metres)**

How many hours did it take for the tide to change from its lowest level to its highest level? **(6 hours)**

What is the height of the tide at 7:00 p.m.? **(3.4 metres)**

By how many metres did the tide level change between 2:00 p.m. and 8:00 p.m.? **(2.8 metres)**

By how many metres did the tide level change between 8:00 p.m. and 11:00 p.m.? **(1.1 metres)**

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

Clue 3: **The island is more than 70 miles away.**

Clue 4

1.	2.6	1.84	1.8	1.805	2.06
	1.8	1.805	1.84	2.06	2.6
2.	1.1	1.2	2.1	1.19	2.2
	1.1	1.19	1.2	2.1	2.2
3.	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{5}{6}$	$\frac{11}{24}$	$\frac{2}{3}$
	$\frac{11}{24}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{2}{3}$	$\frac{5}{6}$
4.	56 235	56 181	56 824	65 455	56 881
	56 181	56 235	56 824	56 881	65 455
5.	56.268	562.68	5.626	56 268	5626.8
	5.626	56.265	562.68	5626.8	56 268

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

Clue 4: **The island's treasure caves are located in the north-west.**

The buried treasure can be found on: **Ring of Rocks Island**