## The Mystery of the Missing Pirate Treasure Answers

## Clue 1

|  | Right | Wrong X |
| :--- | :---: | :---: |
| $32.6-21.52=11.8$ |  | $\times(\mathbf{1 1 . 0 8 )}$ |
| $10.04+17.37=27.41$ | $\checkmark$ |  |
| $2.3+1.84+3.07=6.94$ |  | $\times(7.21)$ |
| $95.32-26.86=68.46$ | $\checkmark$ |  |
| $1.257+15.682=16.939$ | $\checkmark$ |  |
| $68.72-39.562=29.162$ |  | $\times(29.158)$ |
| $15.686+39.868=55.554$ | $\checkmark$ |  |
| $107.248-57.3=49.948$ | $\checkmark$ |  |
| $84.732-69.92=14.64$ |  |  |

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. $18 \times 36=\mathbf{6 4 8}$ | 2. $756 \div 9=\mathbf{8 4}$ | 3. $8.2 \times 12=\mathbf{9 8 . 4}$ |
| :--- | :--- | :--- |
| 4. $1024 \div 8=\mathbf{1 2 8}$ | 5. $19 \times 28=\mathbf{5 3 2}$ | 6. $65 \times 92=\mathbf{5 9 8 0}$ |


| 98.4 the | $92.4$ <br> is more than | $88$ <br> one thousand | $540$ <br> six thousand |
| :---: | :---: | :---: | :---: |
| 84 <br> of the | ( $\begin{gathered}532 \\ \text { population }\end{gathered}$ | $640$ <br> five thousand | 130 <br> four thousand |
| 648 <br> island | 128 is less than | ( 5980 | $6980$ <br> 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.? ( $\mathbf{2 . 8} \mathbf{~ m e t r e s ) ~}$
By how many metres did the tide level change between 8:00 p.m. and 11:00 p.m.? (1.1 metres)

| $\mathbf{6}$ hours <br> the | 1.7 metres <br> is less than | 1.2 metres <br> 60 miles | $\mathbf{1 . 1}$ metres <br> $\mathbf{7 0}$ miles |
| :---: | :---: | :---: | :---: |
| 5 hours <br> 80 miles | $\mathbf{3 . 4}$ metres <br> island | $\mathbf{2 . 8}$ metres <br> is more than | $\mathbf{1 . 8}$ metres <br> away |

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

Clue $4 \quad 1$

| 1. | $\mathbf{2 . 6}$ | 1.84 | 1.8 | 1.805 | 2.06 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{1 . 8}$ | $\mathbf{1 . 8 0 5}$ | $\mathbf{1 . 8 4}$ | $\mathbf{2 . 0 6}$ | $\mathbf{2 . 6}$ |
| 2. | 1.1 | 1.2 | 2.1 | 1.19 | 2.2 |
|  | $\mathbf{1 . 1}$ | $\mathbf{1 . 1 9}$ | $\mathbf{1 . 2}$ | $\mathbf{2 . 1}$ | $\mathbf{2 . 2}$ |
| 3. | $\frac{5}{8}$ | $\frac{1}{2}$ | $\frac{5}{6}$ | $\frac{11}{24}$ | $\frac{2}{3}$ |
|  | $\frac{\mathbf{1 1}}{\mathbf{2 4}}$ | $\frac{\mathbf{1}}{\mathbf{2}}$ | $\frac{\mathbf{5}}{\mathbf{8}}$ | $\frac{\mathbf{2}}{\mathbf{3}}$ | $\frac{\mathbf{5}}{\mathbf{6}}$ |
| 4. | $56 \mathbf{2 3 5}$ | 56181 | 56824 | 65455 | 56881 |
|  | $\mathbf{5 6 ~ 1 8 1}$ | $\mathbf{5 6 ~ 2 3 5}$ | $\mathbf{5 6 8 2 4}$ | $\mathbf{5 6 8 8 1}$ | $\mathbf{6 5 4 5 5}$ |
| 5. | 56.268 | 562.68 | 5.626 | 56268 | 5626.8 |
|  | $\mathbf{5 . 6 2 6}$ | $\mathbf{5 6 . 2 6 5}$ | $\mathbf{5 6 2 . 6 8}$ | $\mathbf{5 6 2 6 . 8}$ | $\mathbf{5 6 2 6 8}$ |


| the south-west <br> 2.06 | located in <br> $\frac{5}{\mathbf{6}}$ | treasure caves <br> 2.2 | the north-east <br> 2.1 |
| :---: | :---: | :---: | :---: |
| island's <br> $\mathbf{2 . 6}$ | the south-east <br> $\frac{2}{3}$ | the north <br> 56881 | the east <br> 5626.8 |
| are <br> $\mathbf{6 5 4 5 5}$ | the south <br> 1.84 | the north-west <br> $\mathbf{5 6 ~ 2 6 8}$ | the west <br> $\frac{5}{8}$ |

Clue 4: The island's treasure caves are located in the north-west.
The buried treasure can be found on: $\qquad$

