

Secrets of the Mermaid Cove

Find the number that each seashell and starfish represents to reveal the secret code that opens the sunken treasure chest.

Name: _____ Date: _____

1 THE KEY

= 10 = 4 = 1 = 6 = 8

Every symbol is a whole number from 1 to 10. A number in front of a shape means multiply: 2 stars = 2 x star.

2 CRACK THESE

1. + 2 =

2. + + =

CODE 1

3. + + =

4. 3 - =

CODE 2

5. + - =

6. 2 + 2 =

CODE 3

7. 2 =

8. + 2 =

CODE 4

9. + = 12 Draw the shape:

10. + = 12 Draw the shape:

3 THE VAULT CODE

Write the ONES digit of your answers to problems 2, 4, 6, 8 (the ones tagged CODE 1-4), in that order. That opens the sunken treasure chest.

Answer Key

Secrets of the Mermaid Cove · Grade 2 Crack the Code

The key

 hexagon = 10
  heart = 4
  pentagon = 1
  circle = 6
  diamond = 8

Every symbol is a whole number from 1 to 10.

1.  + 2  (hexagon + 2 x diamond) 26
2.  +  +  (circle + heart + diamond) 18
3.  +  +  (heart + circle + pentagon) 11
4. 3  -  (3 x hexagon - pentagon) 29
5.  +  -  (heart + hexagon - pentagon) 13
6. 2  + 2  (2 x diamond + 2 x pentagon) 18
7. 2  (2 x heart) 8
8.  + 2  (pentagon + 2 x diamond) 17
9.  +  = 12 (? + diamond) heart
10.  +  = 12 (? + heart) diamond

Vault code: **8 9 8 7**