The Roanoke Colony Mystery Code

Solve the math equations with settler symbols to find the four digits that open the governor's lost wooden supply chest.

Name: _____ **Date:** _____

1 THE KEY

▲ = 5 ○ = 9 ⬢ = 8 ★ = 3 ♥ = 2

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. 3⬢ = ☐

2. ⬢ + ▲ = ☐ CODE 1

3. 2○ + ⬢ = ☐

4. 3○ = ☐ CODE 2

5. 2♥ + ▲ = ☐

6. ○ + ▲ + ★ = ☐ CODE 3

7. 3▲ - ⬢ = ☐

8. ⬢ + 2♥ = ☐ CODE 4

9. ♥ + ☐ = 10 Draw the shape: ☐

10. ▲ + ☐ = 14 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 governor whites locked.

TEACHER / PARENT

Answer Key

The Roanoke Colony Mystery Code · Grade 2 Crack the Code

The key

▲ triangle = **5** ○ ring = **9** ⬢ hexagon = **8** ★ star = **3** ♥ heart = **2**

Every symbol is a whole number from 1 to 10.

1.	3⬢ (3 x hexagon)	**24**
2.	⬢ + ▲ (hexagon + triangle)	**13**
3.	2○ + ⬢ (2 x ring + hexagon)	**26**
4.	3○ (3 x ring)	**27**
5.	2♥ + ▲ (2 x heart + triangle)	**9**
6.	○ + ▲ + ★ (ring + triangle + star)	**17**
7.	3▲ - ⬢ (3 x triangle - hexagon)	**7**
8.	⬢ + 2♥ (hexagon + 2 x heart)	**12**
9.	♥ + ▢ = 10 (heart + ?)	**hexagon**
10.	▲ + ▢ = 14 (triangle + ?)	**ring**

Vault code: 3 7 7 2