



The Monastery Relic Vault

Calculate the values of the stone castle, the knight's helmet, and the gold relic to find the four-digit code that unlocks the monastery gates.

Name: _____ Date: _____

1 THE KEY

★ = 3 ⬠ = 8 ○ = 5 ⬡ = 2

Every symbol is a whole number from 1 to 9.

2 CRACK THESE

1. ⬠ - ⬡ =

2. ⬠ - ○ =

CODE 1

3. ⬠ + ○ =

4. ★ + ⬡ =

CODE 2

5. 15 - ⬡ =

6. 10 - ★ =

CODE 3

7. ○ + 1 =

8. ⬡ + ○ + ⬠ =

CODE 4

9. + ★ = 5 Draw the shape:

10. + ○ = 8 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 monastery gates.

Answer Key

The Monastery Relic Vault · Grade 1 Crack the Code

The key

★ star = 3 ⬡ hexagon = 8 ○ ring = 5 ⬠ pentagon = 2

Every symbol is a whole number from 1 to 9.

- | | | |
|-----|---------------------------------------|----------|
| 1. | ⬡ - ⬠ (hexagon - pentagon) | 6 |
| 2. | ⬡ - ○ (hexagon - ring) | 3 |
| 3. | ⬡ + ○ (hexagon + ring) | 13 |
| 4. | ★ + ⬠ (star + pentagon) | 5 |
| 5. | 15 - ⬠ (15 - pentagon) | 13 |
| 6. | 10 - ★ (10 - star) | 7 |
| 7. | ○ + 1 (ring + 1) | 6 |
| 8. | ⬠ + ○ + ⬡ (pentagon + ring + hexagon) | 15 |
| 9. | □ + ★ = 5 (? + star) | pentagon |
| 10. | □ + ○ = 8 (? + ring) | star |

Vault code: **3 5 7 5**