

Dino Dig Site Cipher

Find the hidden number for each dinosaur footprint to reveal the combination that opens the locked fossil crate.

Name: _____ Date: _____

1 THE KEY

 = 2
  = 10
  = 8
  = 6
  = 3

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. 2  =

4. 2  +  =

CODE 2

5. 2  +  =

6. 3  =

CODE 3

7. 2  -  =

8. 2  -  =

CODE 4

9.  +  = 9 Draw the shape:

10.  +  = 5 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 locked fossil crate.

Answer Key

Dino Dig Site Cipher · Grade 2 Crack the Code

The key

◆ diamond = 2 ▲ triangle = 10 ☾ moon = 8 ■ square = 6 ○ ring = 3

Every symbol is a whole number from 1 to 10.

- | | | |
|-----|--------------------------------|---------|
| 1. | ◆ + 2○ (diamond + 2 x ring) | 8 |
| 2. | ☾ - ■ (moon - square) | 2 |
| 3. | 2■ (2 x square) | 12 |
| 4. | 2■ + ☾ (2 x square + moon) | 20 |
| 5. | 2■ + ◆ (2 x square + diamond) | 14 |
| 6. | 3▲ (3 x triangle) | 30 |
| 7. | 2◆ - ○ (2 x diamond - ring) | 1 |
| 8. | 2■ - ▲ (2 x square - triangle) | 2 |
| 9. | □ + ■ = 9 (? + square) | ring |
| 10. | □ + ○ = 5 (? + ring) | diamond |

Vault code: **2002**