



Dinosaur Track Codebreaker

Find the secret numbers hidden behind the dinosaur footprints to reveal the four-digit combination.

Name: _____ Date: _____

1 THE KEY

 = 2  = 3  = 8  = 5

Every symbol is a whole number from 1 to 9.

2 CRACK THESE

1. $11 - \text{crescent moon} = \boxed{}$

2. $\text{crescent moon} - \text{square} = \boxed{}$

CODE 1

3. $\text{star} + \text{pentagon} = \boxed{}$

4. $\text{pentagon} + \text{square} = \boxed{}$

CODE 2

5. $\text{square} + 2 = \boxed{}$

6. $\text{star} + 4 = \boxed{}$

CODE 3

7. $11 - \text{star} = \boxed{}$

8. $\text{star} + \text{square} + \text{pentagon} = \boxed{}$

CODE 4

9. $\text{crescent moon} + \boxed{} = 11$ Draw the shape: 

10. $\boxed{} + \text{square} = 5$ Draw the shape: 

3 THE VAULT CODE

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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 steel incubator.

Answer Key

Dinosaur Track Codebreaker · Grade 1 Crack the Code

The key

■ square = 2 ☾ moon = 3 ⬠ pentagon = 8 ★ star = 5

Every symbol is a whole number from 1 to 9.

- | | | |
|-----|--------------------------------------|----------|
| 1. | 11 - ☾ (11 - moon) | 8 |
| 2. | ☾ - ■ (moon - square) | 1 |
| 3. | ★ + ⬠ (star + pentagon) | 13 |
| 4. | ⬠ + ■ (pentagon + square) | 10 |
| 5. | ■ + 2 (square + 2) | 4 |
| 6. | ★ + 4 (star + 4) | 9 |
| 7. | 11 - ★ (11 - star) | 6 |
| 8. | ★ + ■ + ⬠ (star + square + pentagon) | 15 |
| 9. | ☾ + □ = 11 (moon + ?) | pentagon |
| 10. | □ + ■ = 5 (? + square) | moon |

Vault code: 1 0 9 5