

Fossil Hunter Code Breaker

Use your addition and subtraction skills to find the number value of each dinosaur footprint and open the locked field laboratory crate.

Name: _____ Date: _____

1 THE KEY

$$\triangle = 7 \quad \bullet = 9 \quad \star = 6 \quad \bigcirc = 5 \quad \blacklozenge = 4$$

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. $2 \blacklozenge = \boxed{}$

2. $\bullet + \bigcirc = \boxed{}$

CODE 1

3. $2 \bullet = \boxed{}$

4. $\triangle + \bigcirc + \bullet = \boxed{}$

CODE 2

5. $2 \star + 2 \bullet = \boxed{}$

6. $\star + \bigcirc - \triangle = \boxed{}$

CODE 3

7. $\bigcirc - \blacklozenge = \boxed{}$

8. $3 \bullet = \boxed{}$

CODE 4

9. $\triangle + \boxed{} = 11$ Draw the shape:

10. $\boxed{} + \triangle = 16$ 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 steel paleontologist specimen.

Answer Key

Fossil Hunter Code Breaker · Grade 2 Crack the Code

The key

▲ triangle = 7 ● circle = 9 ★ star = 6 ○ ring = 5 ⬠ pentagon = 4

Every symbol is a whole number from 1 to 10.

- | | | |
|-----|--------------------------------------|----------|
| 1. | 2⬠ (2 x pentagon) | 8 |
| 2. | ● + ○ (circle + ring) | 14 |
| 3. | 2● (2 x circle) | 18 |
| 4. | ▲ + ○ + ● (triangle + ring + circle) | 21 |
| 5. | 2★ + 2● (2 x star + 2 x circle) | 30 |
| 6. | ★ + ○ - ▲ (star + ring - triangle) | 4 |
| 7. | ○ - ⬠ (ring - pentagon) | 1 |
| 8. | 3● (3 x circle) | 27 |
| 9. | ▲ + □ = 11 (triangle + ?) | pentagon |
| 10. | □ + ▲ = 16 (? + triangle) | circle |

Vault code: **4 1 4 7**