



Fossil Lab Code Breaker

Match the prehistoric dinosaur shapes to their correct numbers and solve the addition and subtraction puzzles to discover the four-digit security code.

Name: _____ Date: _____

1 THE KEY

 = 8  = 9  = 10  = 5  = 1

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. $2 \times \text{pentagon} - \text{triangle} = \boxed{}$

2. $\text{circle} - \text{triangle} = \boxed{}$

CODE 1

3. $2 \times \text{pentagon} + \text{triangle} = \boxed{}$

4. $\text{pentagon} - \text{solid circle} = \boxed{}$

CODE 2

5. $\text{solid circle} + \text{crescent moon} - \text{pentagon} = \boxed{}$

6. $\text{triangle} + 2 \times \text{circle} = \boxed{}$

CODE 3

7. $3 \times \text{circle} - \text{crescent moon} = \boxed{}$

8. $2 \times \text{circle} - \text{triangle} = \boxed{}$

CODE 4

9. $\text{solid circle} + \boxed{} = 11$ Draw the shape:

10. $\boxed{} + \text{circle} = 19$ 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 titanium incubator.

Answer Key

Fossil Lab Code Breaker · Grade 2 Crack the Code

The key

☾ moon = 8 ⬠ pentagon = 9 ○ ring = 10 ▲ triangle = 5 ● circle = 1

Every symbol is a whole number from 1 to 10.

1. $2\text{⬠} - \text{▲}$ (2 x pentagon - triangle) 13
2. $\text{○} - \text{▲}$ (ring - triangle) 5
3. $2\text{⬠} + \text{▲}$ (2 x pentagon + triangle) 23
4. $\text{⬠} - \text{●}$ (pentagon - circle) 8
5. $\text{●} + \text{☾} - \text{⬠}$ (circle + moon - pentagon) 0
6. $\text{▲} + 2\text{○}$ (triangle + 2 x ring) 25
7. $3\text{○} - \text{☾}$ (3 x ring - moon) 22
8. $2\text{○} - \text{▲}$ (2 x ring - triangle) 15
9. $\text{●} + \text{□} = 11$ (circle + ?) ring
10. $\text{□} + \text{○} = 19$ (? + ring) pentagon

Vault code: **5855**