

Roblox Block Code Quest

Find the number value of each Roblox game icon to solve the final math equations and unlock the secret builder chest.

Name: _____ Date: _____

1 THE KEY

$$+ = 8 \quad \blacklozenge = 7 \quad \bigcirc = 9 \quad \bullet = 4 \quad \blacksquare = 1$$

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. $2\bigcirc = \boxed{}$

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

CODE 1

3. $3\blacksquare = \boxed{}$

4. $2\blacklozenge - \bullet = \boxed{}$

CODE 2

5. $2\blacklozenge - + = \boxed{}$

6. $\bullet + \blacklozenge = \boxed{}$

CODE 3

7. $+ + \blacklozenge - \bullet = \boxed{}$

8. $\bullet + \blacksquare + \blacklozenge = \boxed{}$

CODE 4

9. $\boxed{} + \bullet = 13$ Draw the shape: $\boxed{}$

10. $\blacklozenge + \boxed{} = 11$ Draw the shape: $\boxed{}$

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 secret builder chest.

Answer Key

Roblox Block Code Quest · Grade 2 Crack the Code

The key

 cross = 8
  diamond = 7
  ring = 9
  circle = 4
  square = 1

Every symbol is a whole number from 1 to 10.

- | | | |
|-----|--|--------|
| 1. | $2 \bigcirc$ (2 x ring) | 18 |
| 2. | $\bullet + \text{+}$ (circle + cross) | 12 |
| 3. | $3 \blacksquare$ (3 x square) | 3 |
| 4. | $2 \blacklozenge - \bullet$ (2 x diamond - circle) | 10 |
| 5. | $2 \blacklozenge - \text{+}$ (2 x diamond - cross) | 6 |
| 6. | $\bullet + \blacklozenge$ (circle + diamond) | 11 |
| 7. | $\text{+} + \blacklozenge - \bullet$ (cross + diamond - circle) | 11 |
| 8. | $\bullet + \blacksquare + \blacklozenge$ (circle + square + diamond) | 12 |
| 9. | $\square + \bullet = 13$ (? + circle) | ring |
| 10. | $\blacklozenge + \square = 11$ (diamond + ?) | circle |

Vault code: **2 0 1 2**