



Roblox Mermaid and Unicorn Code Breaker

Calculate the value of each mythical symbol to unlock the hidden blox treasure chest.

Name: _____ Date: _____

1 THE KEY

$$\text{⚡} = 7 \quad \text{?} = \square \quad \blacktriangle = 5 \quad \text{◇?} = \square \quad \text{+} = 8 \quad \text{♥} = 10$$

Every symbol is a whole number from 1 to 12. A number in front of a shape means multiply: 2 stars = 2 x star.

2 FIND THE MISSING VALUES

Some shapes in the key are missing. Use these to work them out, in order, and write them into the key.

$$\bigcirc + \text{+} = 14$$

$$4 \blacklozenge = 48$$

3 CRACK THESE

$$1. \ 10 \blacklozenge + \text{⚡} = \square$$

$$2. \ 5 \blacktriangle - \bigcirc = \square$$

CODE 1

$$3. \ \blacktriangle \times \bigcirc = \square$$

$$4. \ 3 \text{+} - \text{♥} = \square$$

CODE 2

$$5. \ 10 \blacklozenge + \text{♥} = \square$$

$$6. \ \text{♥} \times \text{⚡} + \bigcirc = \square$$

CODE 3

$$7. \ 5 \text{+} - \text{♥} = \square$$

$$8. \ \bigcirc \times \text{⚡} = \square$$

CODE 4

$$9. \ 2 \blacklozenge + \blacktriangle = \square$$

$$10. \ \blacktriangle \times \text{⚡} + \text{+} = \square$$

4 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 royal blox treasure.

Answer Key

Roblox Mermaid and Unicorn Code Breaker · Grade 3 Crack the Code

The key

⚡ lightning bolt = 7 ○ ring = 6 (hidden) ▲ triangle = 5 ◆ diamond = 12 (hidden) + cross = 8
 ♥ heart = 10

Every symbol is a whole number from 1 to 12.

- | | | |
|-----|--|-----|
| 1. | $10 \blacklozenge + \text{⚡}$ (10 x diamond + lightning bolt) | 127 |
| 2. | $5 \blacktriangle - \bigcirc$ (5 x triangle - ring) | 19 |
| 3. | $\blacktriangle \times \bigcirc$ (triangle x ring) | 30 |
| 4. | $3 + - \heartsuit$ (3 x cross - heart) | 14 |
| 5. | $10 \blacklozenge + \heartsuit$ (10 x diamond + heart) | 130 |
| 6. | $\heartsuit \times \text{⚡} + \bigcirc$ (heart x lightning bolt + ring) | 76 |
| 7. | $5 + - \heartsuit$ (5 x cross - heart) | 30 |
| 8. | $\bigcirc \times \text{⚡}$ (ring x lightning bolt) | 42 |
| 9. | $2 \blacklozenge + \blacktriangle$ (2 x diamond + triangle) | 29 |
| 10. | $\blacktriangle \times \text{⚡} + +$ (triangle x lightning bolt + cross) | 43 |

Vault code: **9 4 6 2**