

The Championship Locker Code

Solve the soccer-themed equations to find the hidden numbers and unlock the team gear trunk before the big game starts.

Name: _____ Date: _____

1 THE KEY

$$\triangle = 3 \quad \blacklozenge = 9 \quad \bullet = 5 \quad \hexagon = 1 \quad + = 10$$

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. $3\bullet - + = \square$

2. $\blacklozenge + \bullet - + = \square$

CODE 1

3. $\triangle + \hexagon + \blacklozenge = \square$

4. $\bullet + \hexagon + \triangle = \square$

CODE 2

5. $\triangle + \bullet = \square$

6. $2\triangle + 2\blacklozenge = \square$

CODE 3

7. $\hexagon + \blacklozenge = \square$

8. $3\blacklozenge - \hexagon = \square$

CODE 4

9. $\square + \hexagon = 6$ Draw the shape: $\square$

10. $\bullet + \square = 8$ Draw the shape: $\square$

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 team gear trunk.

Answer Key

The Championship Locker Code · Grade 2 Crack the Code

The key

▲ triangle = 3 ◆ diamond = 9 ● circle = 5 ⬡ hexagon = 1 + cross = 10

Every symbol is a whole number from 1 to 10.

- | | | | |
|-----|--|--------------------------------|----------|
| 1. | $3 \bullet - +$ | (3 x circle - cross) | 5 |
| 2. | $\blacklozenge + \bullet - +$ | (diamond + circle - cross) | 4 |
| 3. | $\blacktriangle + \blacklozenge + \blacklozenge$ | (triangle + hexagon + diamond) | 13 |
| 4. | $\bullet + \blacklozenge + \blacktriangle$ | (circle + hexagon + triangle) | 9 |
| 5. | $\blacktriangle + \bullet$ | (triangle + circle) | 8 |
| 6. | $2\blacktriangle + 2\blacklozenge$ | (2 x triangle + 2 x diamond) | 24 |
| 7. | $\blacklozenge + \blacklozenge$ | (hexagon + diamond) | 10 |
| 8. | $3\blacklozenge - \blacklozenge$ | (3 x diamond - hexagon) | 26 |
| 9. | $\square + \blacklozenge = 6$ | (? + hexagon) | circle |
| 10. | $\bullet + \square = 8$ | (circle + ?) | triangle |

Vault code: **4 9 4 6**