

The Championship Locker Code

Solve the soccer symbol equations to find the secret four-digit combination and unlock the equipment locker before kickoff.

Name: _____ Date: _____

1 THE KEY

$$\text{⚡} = 7 \quad \blacktriangle = 1 \quad \blacklozenge = 4 \quad \blackpentagon = 6 \quad \bigcirc = 9$$

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. $\blacklozenge + \blacktriangle + \bigcirc = \boxed{}$

2. $2\text{⚡} - \blacktriangle = \boxed{}$

CODE 1

3. $\blacktriangle + \blackpentagon + \bigcirc = \boxed{}$

4. $\text{⚡} + \blackpentagon - \blacktriangle = \boxed{}$

CODE 2

5. $\bigcirc + \blackpentagon = \boxed{}$

6. $\text{⚡} + \bigcirc = \boxed{}$

CODE 3

7. $2\text{⚡} + 2\blackpentagon = \boxed{}$

8. $\blackpentagon - \blacklozenge = \boxed{}$

CODE 4

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

10. $\boxed{} + \bigcirc = 16$ 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 team equipment locker.

Answer Key

The Championship Locker Code · Grade 2 Crack the Code

The key

⚡ lightning bolt = 7 ▲ triangle = 1 ◆ diamond = 4 ⬠ pentagon = 6 ○ ring = 9

Every symbol is a whole number from 1 to 10.

1. ◆ + ▲ + ○ (diamond + triangle + ring) 14
2. 2 ⚡ - ▲ (2 x lightning bolt - triangle) 13
3. ▲ + ⬠ + ○ (triangle + pentagon + ring) 16
4. ⚡ + ⬠ - ▲ (lightning bolt + pentagon - triangle) 12
5. ○ + ⬠ (ring + pentagon) 15
6. ⚡ + ○ (lightning bolt + ring) 16
7. 2 ⚡ + 2 ⬠ (2 x lightning bolt + 2 x pentagon) 26
8. ⬠ - ◆ (pentagon - diamond) 2
9. ◆ + □ = 13 (diamond + ?) ring
10. □ + ○ = 16 (? + ring) lightning bolt

Vault code: **3 2 6 2**