



# 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.  $\blacklozenge + \blacktriangle + \bigcirc = \boxed{\phantom{00}}$

2.  $2\text{⚡} - \blacktriangle = \boxed{\phantom{00}}$

CODE 1

3.  $\blacktriangle + \blackpentagon + \bigcirc = \boxed{\phantom{00}}$

4.  $\text{⚡} + \blackpentagon - \blacktriangle = \boxed{\phantom{00}}$

CODE 2

5.  $\bigcirc + \blackpentagon = \boxed{\phantom{00}}$

6.  $\text{⚡} + \bigcirc = \boxed{\phantom{00}}$

CODE 3

7.  $2\text{⚡} + 2\blackpentagon = \boxed{\phantom{00}}$

8.  $\blackpentagon - \blacklozenge = \boxed{\phantom{00}}$

CODE 4

9.  $\blacklozenge + \boxed{\phantom{00}} = 13$  Draw the shape:

10.  $\boxed{\phantom{00}} + \bigcirc = 16$  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**