Championship Briefcase Crack the Code

Calculate the numerical value of each wrestling icon to unlock the four-digit combination on the Money in the Bank briefcase.

Name: _____ **Date:** _____

1 THE KEY

⬢ = 16 ▲ = 20 ⚡ = ☐ ☆ = ☐ ♡ = ☐

⬟ = 10

Every symbol is a whole number from 1 to 20. 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.

2⚡ + ⬢ = 26

2♥ = 14

★ + ⬢ = 20

3 CRACK THESE

1. (♥ + ★) × ⚡ = ☐
2. ♥ × (▲ - ⬢) = ☐ CODE 1
3. ▲ × ⚡ - ⬢ = ☐
4. (▲ + ♥) × ⬢ = ☐ CODE 2
5. ♥ × ⚡ + ⬢ × ▲ = ☐
6. ▲ + ⬢ × ⚡ = ☐ CODE 3
7. ★ ÷ 2 + ⬢ = ☐
8. 3⚡ + 2★ = ☐ CODE 4
9. ⬢ × ⬟ - ★ × ▲ = ☐
10. ♥ × ⬟ + ⬢ × ▲ = ☐

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 money in the.

TEACHER / PARENT

Answer Key

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The key

hexagon = **16** triangle = **20** lightning bolt = **5** (hidden) star = **4** (hidden)

heart = **7** (hidden) pentagon = **10**

Every symbol is a whole number from 1 to 20.

1.	(♥ + ★) × ϟ	((heart + star) x lightning bolt)	**55**
2.	♥ × (▲ - ⬢)	(heart x (triangle - hexagon))	**28**
3.	▲ × ϟ - ⬢	(triangle x lightning bolt - hexagon)	**84**
4.	(▲ + ♥) × ⬢	((triangle + heart) x hexagon)	**432**
5.	♥ × ϟ + ⬢ × ▲	(heart x lightning bolt + hexagon x triangle)	**355**
6.	▲ + ⬢ × ϟ	(triangle + hexagon x lightning bolt)	**100**
7.	★ ÷ 2 + ⬢	(star / 2 + hexagon)	**18**
8.	3ϟ + 2★	(3 x lightning bolt + 2 x star)	**23**
9.	⬢ × ⬟ - ★ × ▲	(hexagon x pentagon - star x triangle)	**80**
10.	♥ × ⬟ + ⬢ × ▲	(heart x pentagon + hexagon x triangle)	**390**

Vault code: **8 2 0 3**