

Saitama's Supermarket Coupon Safe

Solve these hero-rank symbol equations to find the numerical values and crack the passcode for the locked vault.

Name: _____ Date: _____

1 THE KEY

$$\begin{array}{l}
 \text{+} = 14 \quad ? = \square \quad ? = \square \quad \blacksquare = 10 \quad \text{⚡} = \square \\
 \bullet = 18
 \end{array}$$

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.

$$\bullet^2 = 169$$

$$\text{⚡} - \bullet = 7$$

$$2\bigcirc + \text{⚡} = 42$$

3 CRACK THESE

$$1. (\blacksquare + \text{+}) \times \text{⚡} = \square$$

$$2. 10\text{+} - \bullet = \square$$

CODE 1

$$3. \text{+} + \blacksquare \times \bullet = \square$$

$$4. 10\text{+} - \bullet = \square$$

CODE 2

$$5. \text{⚡} \times \blacksquare \times \bullet = \square$$

$$6. \text{⚡} \times \blacksquare + \text{+} \times \bullet = \square$$

CODE 3

$$7. \blacksquare \times \bullet - \bigcirc = \square$$

$$8. \bigcirc \times \bullet - \bullet = \square$$

CODE 4

$$9. \text{+} \times \blacksquare + \bigcirc \times \bullet = \square$$

$$10. \bullet \times \bullet \times \bigcirc = \square$$

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 saitamas steel safe.

Answer Key

Saitama's Supermarket Coupon Safe · Grade 5 Crack the Code

The key

+ cross = **14** ● circle = **13** (hidden) ○ ring = **11** (hidden) ■ square = **10**
 ⚡ lightning bolt = **20** (hidden) ⬡ hexagon = **18**

Every symbol is a whole number from 1 to 20.

1. $(\blacksquare + +) \times \text{⚡}$ ((square + cross) x lightning bolt) **480**
2. $10+ - \text{⬡}$ (10 x cross - hexagon) **122**
3. $+ + \blacksquare \times \text{⬡}$ (cross + square x hexagon) **194**
4. $10+ - \bullet$ (10 x cross - circle) **127**
5. $\text{⚡} \times \blacksquare \times \bullet$ (lightning bolt x square x circle) **2600**
6. $\text{⚡} \times \blacksquare + + \times \text{⬡}$ (lightning bolt x square + cross x hexagon) **452**
7. $\blacksquare \times \bullet - \circ$ (square x circle - ring) **119**
8. $\circ \times \bullet - \text{⬡}$ (ring x circle - hexagon) **125**
9. $+ \times \blacksquare + \circ \times \bullet$ (cross x square + ring x circle) **283**
10. $\bullet \times \text{⬡} \times \circ$ (circle x hexagon x ring) **2574**

Vault code: **2725**