



Turkey Coop Code Breaker

Use your addition and subtraction skills to find the missing numbers and unlock the farm gate so the turkey can join the Thanksgiving feast.

Name: _____ Date: _____

1 THE KEY

$$+ = 3 \quad \text{pentagon} = 6 \quad \text{hexagon} = 9 \quad \text{square} = 1$$

Every symbol is a whole number from 1 to 9.

2 CRACK THESE

1. $\text{hexagon} - + = \boxed{}$

2. $+ + \text{hexagon} + \text{pentagon} = \boxed{}$

CODE 1

3. $+ - \text{square} = \boxed{}$

4. $\text{pentagon} + + = \boxed{}$

CODE 2

5. $\text{square} + \text{pentagon} + + = \boxed{}$

6. $12 - \text{square} = \boxed{}$

CODE 3

7. $\text{square} + + = \boxed{}$

8. $\text{hexagon} + 3 = \boxed{}$

CODE 4

9. $\boxed{} + \text{pentagon} = 15$ Draw the shape: $\boxed{}$

10. $\boxed{} + \text{hexagon} = 12$ Draw the shape: $\boxed{}$

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 locked farm gate.

Answer Key

Turkey Coop Code Breaker · Grade 1 Crack the Code

The key

 cross = **3**  pentagon = **6**  hexagon = **9**  square = **1**

Every symbol is a whole number from 1 to 9.

1.  -  (hexagon - cross) **6**
2.  +  +  (cross + hexagon + pentagon) **18**
3.  -  (cross - square) **2**
4.  +  (pentagon + cross) **9**
5.  +  +  (square + pentagon + cross) **10**
6. **12** -  (12 - square) **11**
7.  +  (square + cross) **4**
8.  + **3** (hexagon + 3) **12**
9.  +  = 15 (? + pentagon) **hexagon**
10.  +  = 12 (? + hexagon) **cross**

Vault code: 8 9 1 2