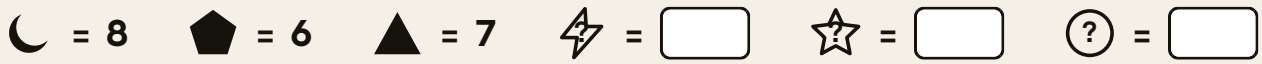
The Secret Pawcode Mystery

Determine the numeric value of each cat item to solve the final equations and unlock the prize safe.

Name: _____ **Date:** _____

1 THE KEY



Every symbol is a whole number from 1 to 15. A number in front of a shape means multiply: 2 stars = 2 x star.

2 FIND THE MISSING VALUES

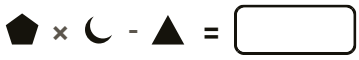
Some shapes in the key are missing. Use these to work them out, in order, and write them into the key.





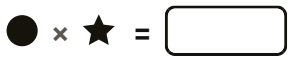


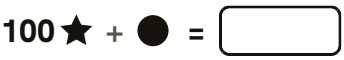
3 CRACK THESE

1. 

2. 

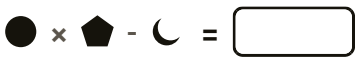
CODE 1

3. 

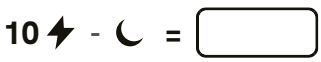
4. 

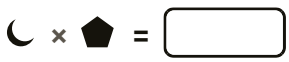
CODE 2

5. 

6. 

CODE 3

7. 

8. 

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 locked cat shelter.

TEACHER / PARENT

Answer Key

The Secret Pawcode Mystery · Grade 4 Crack the Code

The key

moon = **8** pentagon = **6** triangle = **7** lightning bolt = **15** (hidden) star = **9** (hidden)

circle = **4** (hidden)

Every symbol is a whole number from 1 to 15.

1.	pentagon × moon − triangle (pentagon x moon - triangle)	**41**
2.	**100** × triangle + pentagon (100 x triangle + pentagon)	**706**
3.	circle × star (circle x star)	**36**
4.	**100** × star + circle (100 x star + circle)	**904**
5.	star × lightning bolt + moon (star x lightning bolt + moon)	**143**
6.	circle × pentagon − moon (circle x pentagon - moon)	**16**
7.	**10** × lightning bolt − moon (10 x lightning bolt - moon)	**142**
8.	moon × pentagon (moon x pentagon)	**48**
9.	(circle + moon) × pentagon ((circle + moon) x pentagon)	**72**
10.	**10** × triangle − pentagon (10 x triangle - pentagon)	**64**

Vault code: **6 4 6 8**