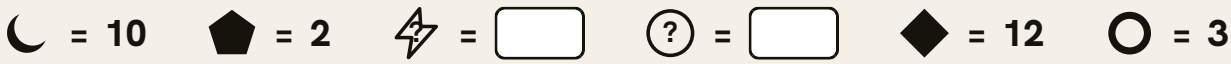
Tomb of the Pharaoh Math Cipher

Solve the hieroglyph equations to find the secret numbers and unlock the hidden chamber inside the Great Pyramid.

Name: _____ **Date:** _____

1 THE KEY



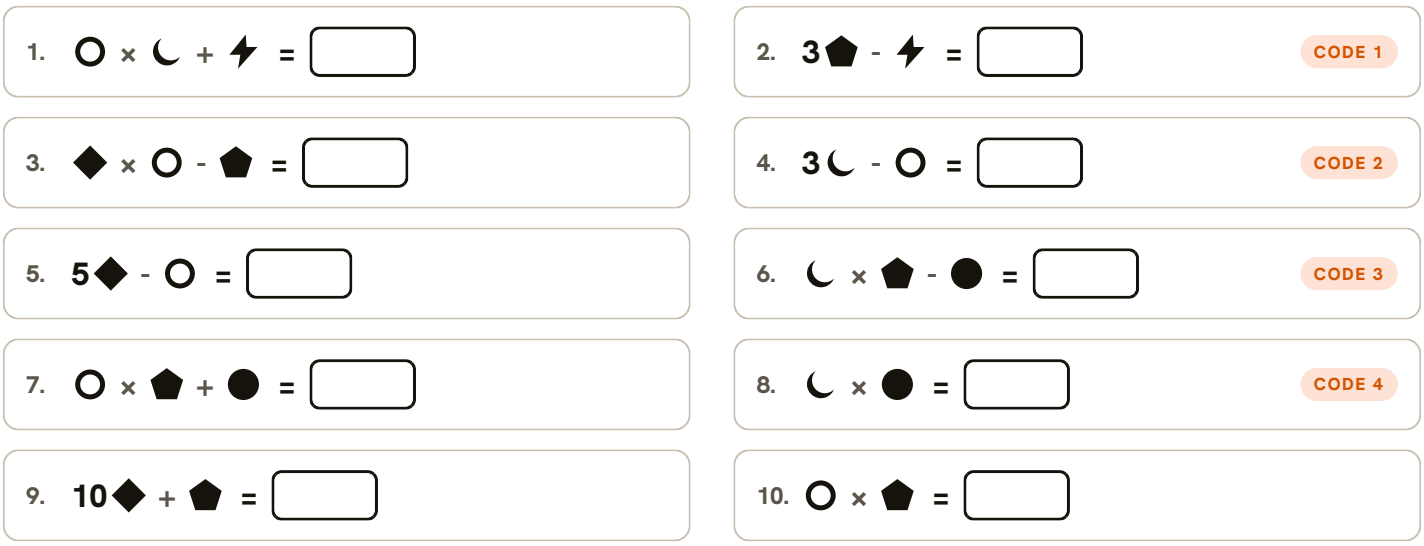
Every symbol is a whole number from 1 to 12. A number in front of a shape means multiply: 2 stars = 2 x star.

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



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 pharaohs stone vault.

TEACHER / PARENT

Answer Key

Tomb of the Pharaoh Math Cipher · Grade 3 Crack the Code

The key

moon = **10** pentagon = **2** lightning bolt = **4** (hidden) circle = **6** (hidden) diamond = **12**

ring = **3**

Every symbol is a whole number from 1 to 12.

1. ring × moon + lightning bolt — (ring x moon + lightning bolt) — **34**
2. 3 × pentagon − lightning bolt — (3 x pentagon - lightning bolt) — **2**
3. diamond × ring − pentagon — (diamond x ring - pentagon) — **34**
4. 3 × moon − ring — (3 x moon - ring) — **27**
5. 5 × diamond − ring — (5 x diamond - ring) — **57**
6. moon × pentagon − circle — (moon x pentagon - circle) — **14**
7. ring × pentagon + circle — (ring x pentagon + circle) — **12**
8. moon × circle — (moon x circle) — **60**
9. 10 × diamond + pentagon — (10 x diamond + pentagon) — **122**
10. ring × pentagon — (ring x pentagon) — **6**

Vault code: 2 7 4 0