

MISSION: Three stone tablets with mathematical inscriptions. Solve each tablet → collect one digit of the code! ✂

Name: _____ **Team:** _____

TABLET 1 — Ordering Fractions · Code digit 1

Instructions: Order these fractions from smallest to largest. Then add all three denominators.

3/4	1/3	5/6
Smallest	Middle	Largest

Sum of all three denominators = _____ + _____ + _____ = _____

Code digit 1: The TENS digit of your sum is **8**

TABLET 2 — Area of a Composite Shape · Code digit 2

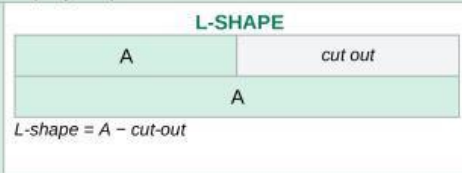
Instructions: The tablet shows an L-shaped floor plan. Calculate its area step by step.

- **Rectangle A (full):** 6 cm wide × 4 cm tall
- **Cut-out B (remove):** 3 cm wide × 2 cm tall (top-right corner)

Area of A = $6 \times 4 =$ _____ cm^2

Area of cut-out = $3 \times 2 =$ _____ cm^2

Area of L-shape = $A - B =$ _____ cm^2



Code digit 2: The UNITS digit of the L-shape area is **3**

TABLET 3 — Percentage Problem · Code digit 3

Tablet inscription: "The temple holds 240 artefacts. 35% are made of gold. 15% are made of silver. The rest are stone."

Gold: $240 \times 0.35 =$ _____ artefacts

Silver: $240 \times 0.15 =$ _____ artefacts

Stone: $240 - \text{gold} - \text{silver} =$ _____ artefacts



35%



15%



50%

Code digit 3: The UNITS digit of the gold total is **5**

Tablet 1

8

digit 1

Tablet 2

3

digit 2

Tablet 3

5

digit 3

CODE SEGMENT:
✂ Write this code in your Final Vault Booklet!