

GNOME AD'S MATH CHALLENGE – No. 2

Valley of Plenty – September 2025 Edition

Hello Clever Counters! Gnome Ad has dreamed up NEW puzzles for you. Can you solve them all?

CHALLENGE 1: APPLE PICKING

Gnome Ess picked **45 apples**. She puts them into baskets with **5 apples in each**.

Q: How many baskets does she need?

CHALLENGE 2: NUMBER PATTERN

Look at this sequence:

3 → 6 → 12 → 24 → ? → ?

Q: What are the next two numbers, and what is the rule?

CHALLENGE 3: THE PIE PARTY

For the Harvest Feast, Gnome Anne bakes **4 pies**. Each pie is cut into **8 slices**.

If 19 gnomes each eat **1 slice**,

Q: How many slices are left?

CHALLENGE 4: CLOCK TOWER TICKS

The clock tower in Genesee rings once every **10 minutes**.

Q: How many times does it ring between **2:00 PM** and **3:00 PM**?

CHALLENGE 5: THE SECRET CODE

Here's Gnome Ad's number-letter code:

A = 1, B = 2, C = 3 ... Z = 26

Q: What word is spelled by these numbers?

7 – 14 – 15 – 13 – 5

SOLVE THEM ALL?

Write your answers on a leaf or a scrap of bark and drop them in the **Counting Cauldron** by the bakery. Gnome Ad will reveal the champions at the Lantern Festival on **September 21st!**

✨ **Keep counting, keep clevering, and never stop puzzling!**

— Gnome Ad, Puzzle-Maker of the Valley of Plenty