



Gordon Burgin's Puzzles

September 2026 challenge

An 8's Puzzle

Using eight eights and using addition only, can you make a sum equal to 1000?

Solution: $888 + 88 + 8 + 8 + 8 = 1000$

Note: There must be 5 values of 8s in order to get the 0 as the last digit of 1000.

The Four Studios Puzzle

Four friends, **Alex**, **Beth**, **Carl**, and **Dana**, each rent a different art studio in a row of four units: Studios 1, 2, 3, and 4 (from left to right). Each person works in a different medium (**Oil**, **Watercolour**, **Sculpture**, and **Digital**) and prefers a different music genre (**Classical**, **Jazz**, **Rock**, and **Ambient**) while working. Determine which of the friends are in which studio, and what their medium and music preferences are using the following eight clues.

1. **Beth's** studio is not at either end of the row.
2. The **Sculpture** studio is immediately to the right of the **Digital** studio.
3. The person who listens to **Rock** works two studios away from **Alex's** (i.e., there is exactly one studio between them).
4. Studio 3 is used for **Watercolour** and does not play **Jazz**.
5. **Carl** works in a studio next to and left of **Dana's** studio, but neither of them is in Studio 1.
6. The **Classical** music studio is to the right of the **Jazz** studio
7. The **Oil** painter listens to **Ambient** music.
8. **Dana** does not work in **Digital**.

Solution:

	Studio 1	Studio 2	Studio 3	Studio 4
Name	Alex Beth Carl Dana	Alex Beth Carl Dana	Alex Beth Carl Dana	Alex Beth Carl Dana
Medium	Oil Watercolour Sculpture Digital	Oil Watercolour Sculpture Digital	Oil Watercolour Sculpture Digital	Oil Watercolour Sculpture Digital
Music	Classical Jazz Rock Ambient	Classical Jazz Rock Ambient	Classical Jazz Rock Ambient	Classical Jazz Rock Ambient