

ANSWERS TO PREVIOUS PUZZLES:

- 7. The digits are the same as the chosen multiple of 13. This happens because $13 \times 8547 = 111111$.
- 8. The digit is repeated 6 times. This happens because $259 \times 429 = 111111$.

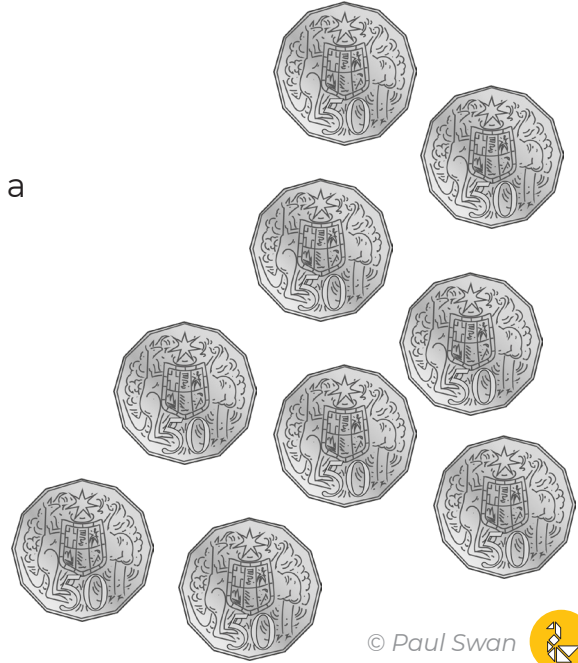
Perplexing Puzzles

Counterfeit Coins

9

Of 9 coins of the same denomination, 8 weigh the same, and 1 - a counterfeit - is lighter than the others.

Find the counterfeit in two weighings on a balance, without using weights.



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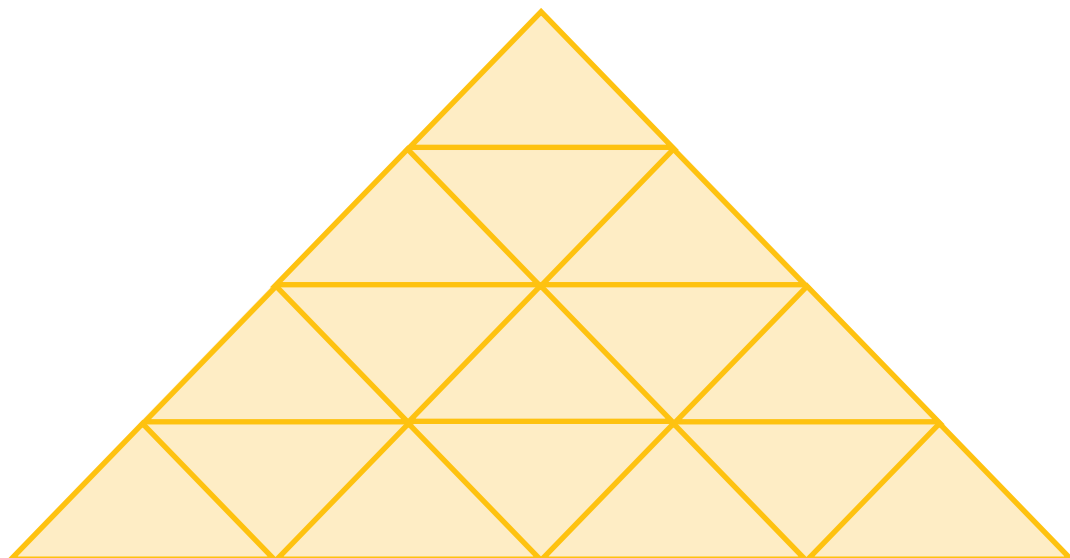


Perplexing Puzzles

Triangle Teaser

10

How many triangles can you find?



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