

ANSWERS TO ANTIDOTES

GREEDY CHILD?

ANSWER: €10,737,418.23

You can calculate this by adding up $1 + 2 + 4 + 8 + \dots + 536,870,912$ to give you the right amount of cents.

However the answer can be given by the formula for the summation of a geometric sequence. For this puzzle this is $2^{30} - 1$.

So if this were about infections then there would be 1,073,741,823 infected people.

MAGIC NUMBER?

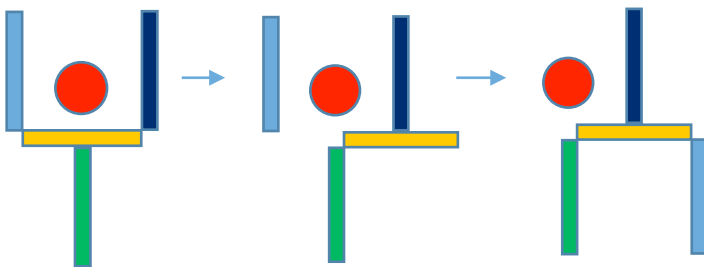
Start with a 3 digit number say **123**.

1. Repeat the digits in the same order to make a 6 digit number **123,123**
2. Dividing this by 7 gives **17,589**.
3. Then divide the result by 11 gives **1,599**.
4. Then divide the latest result by 13 gives **123**, that is, the number you started with.

How does this happen?

Taking a 3 digit number and make it into a 6 digit number as in step 1 above is equivalent to multiplying the original number by 1,001. Dividing the 6 digit number by 7 then by 11 and then by 13 is equivalent to dividing by 1,001. So you end up with the original number!

ISOLATE



DIFFERENT COLOURS TO HELP

ANSWERS TO CROSSWORD

ACROSS

2. Arimathea
4. Curtain
7. Faith
9. Free Will
11. Glory
12. Crime
14. Eli, Eli
15. Crucify Him
16. Emmaus
18. Barabbas
19. Simon
20. Innocent
21. Darkness
22. Miracles

ACROSS

23. Galilee
24. Sovereign
27. Linen
29. Israel
31. Son Of God
33. Stone
34. Whipped
36. King Of The Jews
37. The Messiah

DOWN

1. Union Focus
3. Race
5. Thorny
6. Clothes
8. Thomas
10. Robe
13. Witnesses
17. Morning
18. Baptised
23. Golgotha
25. Guilty
26. Peace
28. Magdelene
30. Likeness
32. Podcasts
35. Death