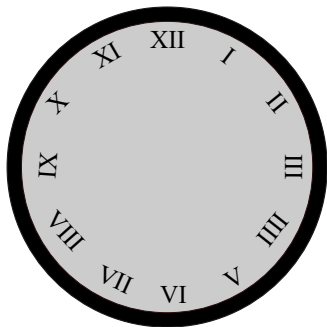
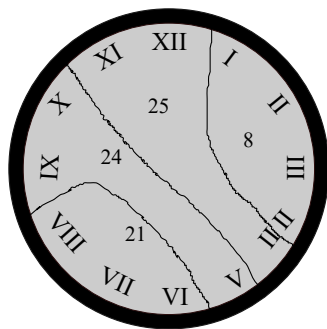

Problem of the Week

Solution Two

Divide the clockface into four regions so that the sum of the numbers in each region is 20.

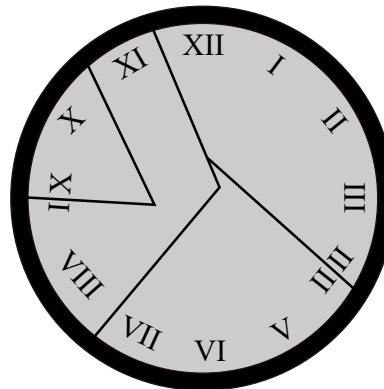


As shown in the following proposed solution, it is permitted to break up the individual Roman numerals, and it is not required that the numbers in each region be adjacent.



This solution plainly gives the wrong sums. Can you do better?

Here is one possible solution:



The three Xs distributed among the nine, ten, and eleven are the big clue here. They suggest that one of the sections ought to be comprised of two of the Xs. From there, a spot of trial and error is necessary to find the other sections.

In his *Scientific American* columns for May and June of 1966, Martin Gardner showed twelve other solutions to this problem. So, if you are really feeling dedicated, you can go look them up!