12. MYSTERIOUSLY NUMBER 22

Select a three-digit number with different figures. Write all possible two- figures numbers with different digits that can be made of the numbers from selected three-digit number. Then gather those two-figures numbers and share with the initial sum of digits from three-digit number. Which number did you get? Try again, and again ....

Example:

Select the number 123. We can make a two-figures numbers with different figures 12,13,21,23,31,32. Gather this six numbers: 12 +13 +21 +23 +31 +32 = 132 and share the sum with figures of initial number: 1 +2 +3 = 6.

So: $\frac{132}{6} = 22$ We always get 22. Why is that?