

Friday 17th July 2020

WALT: Use and apply mathematical reasoning to solve a problem

Taken from: <https://nrich.maths.org/1005>

# Zios and Zepts

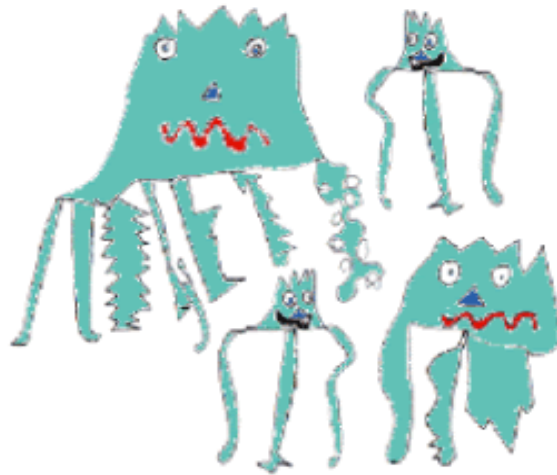
On the planet Vuv there are two sorts of creatures. The Zios have

3

legs and the Zepts have

7

legs.



The great planetary explorer Nico, who first discovered the planet, saw a crowd of Zios and Zepts. He managed to see that there was more than one of each kind of creature before they saw him. Suddenly they all rolled over onto their backs and put their legs in the air.

He counted

52

legs. How many Zios and how many Zepts were there?

Do you think there are any different answers?