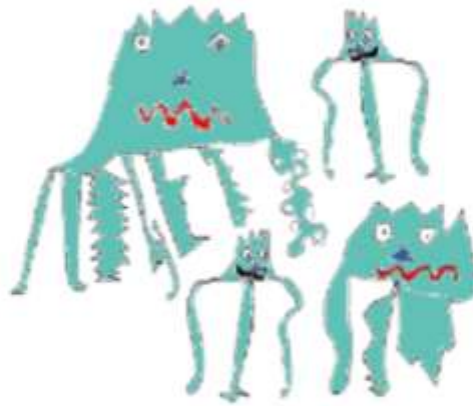


Zios and Zepts

Age 7 to 11 ★

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?

Problem: <https://nrich.maths.org/1005>

Getting Started: <https://nrich.maths.org/1005/clue>

Solution: <https://nrich.maths.org/1005/solution>