

Solve a Problem 7th Dec 2018

Junior

Jenny had 10 cards. A friend gave her 7 more.

How many cards does she have now ?

All

Farmer Murphy raises chickens and goats.

In total she has 25 creatures and altogether they have 78 legs.

How many chickens does she have?

Challenge

Using **small** white cubes, Sally builds a 3 x 3 x 3 cube. Sally paints all of the faces of the big cube with yellow paint. Then she breaks it back down into **small** cubes.

How many of the **small** cubes have no yellow faces at all? _____

Exactly one face painted yellow? _____

Exactly two faces painted yellow? _____

Exactly three faces painted yellow? _____

More than three faces painted yellow? _____

