

Spot Thirteen

This activity has been inspired by Doug Williams' Poly Plug resource. You can find out more details, including how to order sets of Poly Plug, on the [Mathematics Task Centre website](#). However, you do not need sets of Poly Plug to have a go at this activity - please see below and take a look at the [Teachers' Notes](#).

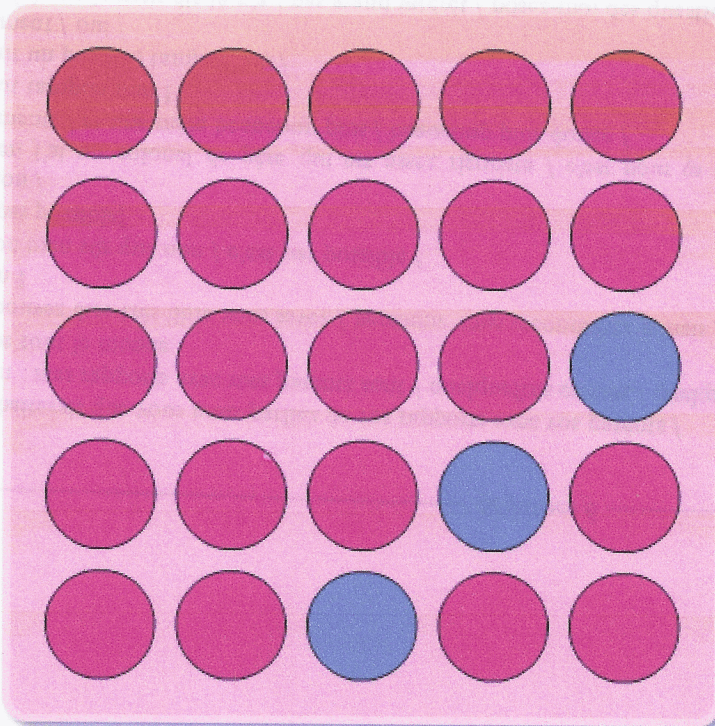
On the grid below, choose 10 spots by clicking on them.

You will see that as you click ¹³ more spots, your score changes.

Can you work out how the scoring system works? We would love to hear what you did in order to test out your ideas.

Which spots should you choose to produce the maximum possible score? How do you know that this is the maximum?

Full Screen



Choose 10 plugs

Your score is 0



I thought that there are 3 points for each triplet of blue dots, but this example shows that this is not correct. So I do not know the answer.