



Problem of the Week

Problem A

Granny's Quilt

Granny is making a quilt for her new grandchild. She has 5 different rolls of fabric: green, blue, red, orange, yellow. Each square of her quilt must have 3 different colours.

Granny wants each square to be a unique combination of colours.

- A) What is the maximum number of squares she can have in her quilt?
- B) How many times does red appear in a square?
- C) Would the answer above change for a different colour? Why?

