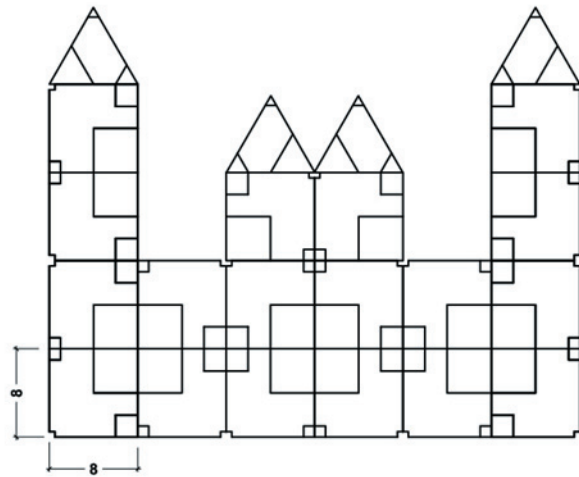|	School:	STUDENT
	Name of Student:	PUSE Task Number
	Sets: triangle, square (two sets)	B
	Further tools: paper, pencil, scissors, glue, compasses, ruler	513
	Date:	

Description of the task:

We would like reconstruct the following Poly-Universe collage using coloured paper. You can see the colours in the figure on the left and the sizes on the right (the sides of the squares and the equilateral triangles are also 8 cm). The sides of the cardboard paper we bought are 21 cm and 30 cm. At least how many pieces of red, yellow, blue, green paper do we need to buy in order to be able to finish this picture if we have to cover the fields of the basic elements using only one piece of paper (more pieces cannot be stuck together to cover one field) What is the percentage of the waste of the different colours?
Are less pieces of cardboard paper enough if you work in pairs and share the pieces of paper?
How many sets of triangles and squares would you need if you wanted to reconstruct the image using the elements of the Poly-Universe sets?

Solution(s) of the task:

Remarks / Self-evaluation: