

Adapted from Henri Picciotto's [Geometry Labs](#) (MathEducation.page)

Angles Around a Point Group Record Sheet

Circle each possible block combination you find with your group. If a combination is impossible, cross it out.

Block Configuration	Number of Blocks in the Arrangement										
yellow only	2	3	4	5	6	7	8	9	10	11	12
red only	2	3	4	5	6	7	8	9	10	11	12
blue only	2	3	4	5	6	7	8	9	10	11	12
green only	2	3	4	5	6	7	8	9	10	11	12
orange only	2	3	4	5	6	7	8	9	10	11	12
tan only	2	3	4	5	6	7	8	9	10	11	12
two colors	2	3	4	5	6	7	8	9	10	11	12
three colors	2	3	4	5	6	7	8	9	10	11	12
four colors	2	3	4	5	6	7	8	9	10	11	12
five colors	2	3	4	5	6	7	8	9	10	11	12
six colors	2	3	4	5	6	7	8	9	10	11	12

What patterns do you **notice**? Record them here.

What **questions / wonders** would you like to pursue further? Record them here, and choose one or more to investigate when you finish.