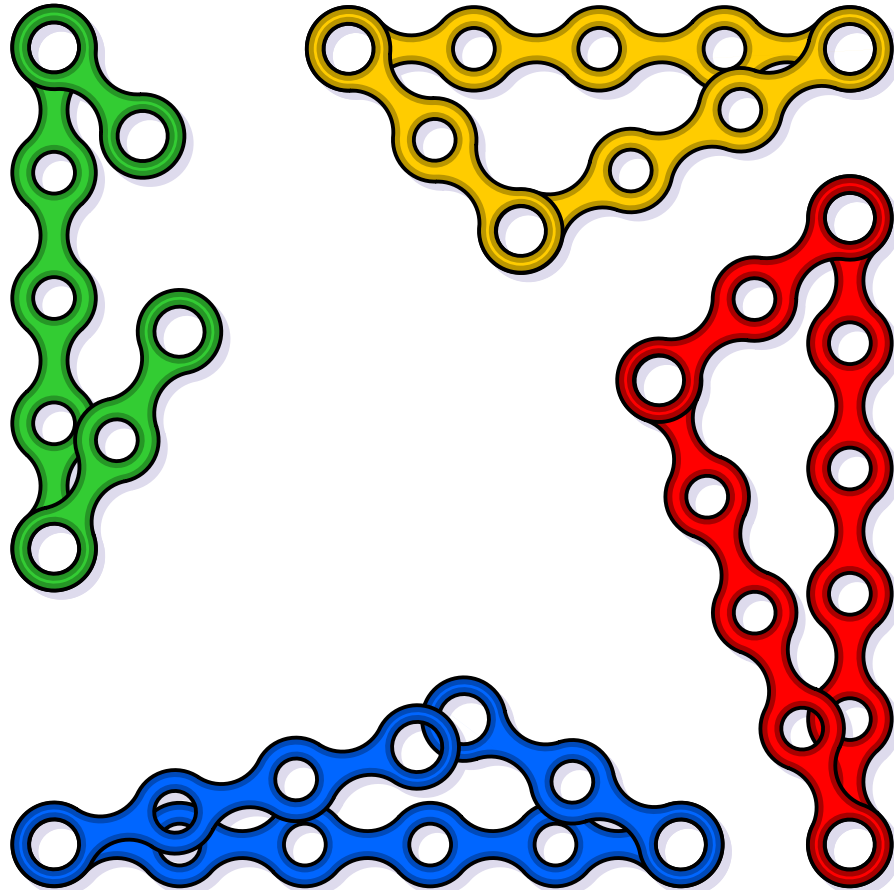


Four sets of strips of different lengths are shown. The sets are of lengths 1, 2 and 4; 2, 3 and 4; 2, 4 and 5 and 2, 3 and 5. Are there any sets of strips that cannot form a triangle when joined together?



To create a triangle from three strips, it is necessary that the sum of the lengths of any two sides be greater than the length of the third side. The green and the blue sets of strips do not follow this rule and thus cannot form triangles.