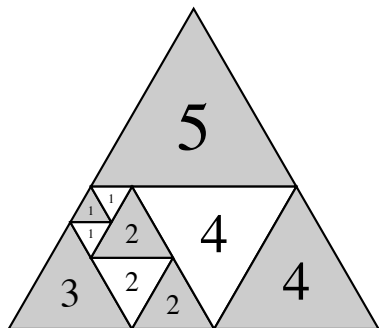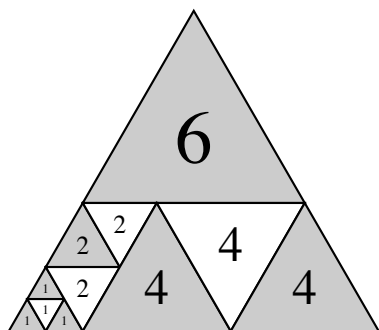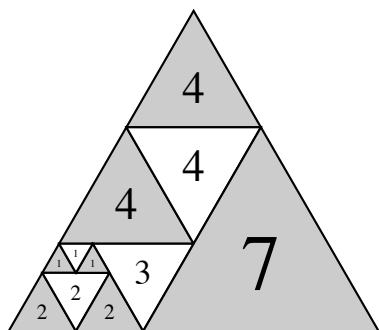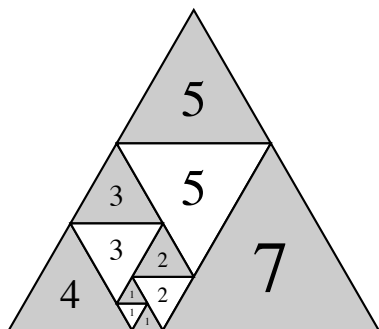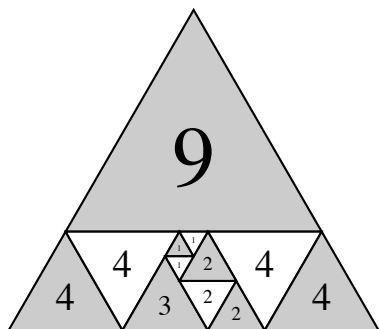size = 8, triangles = 10

size = 9, triangles = 10

size = 10, triangles = 11

size = 11, triangles = 11

size = 12, triangles = 11

size = 13, triangles = 12