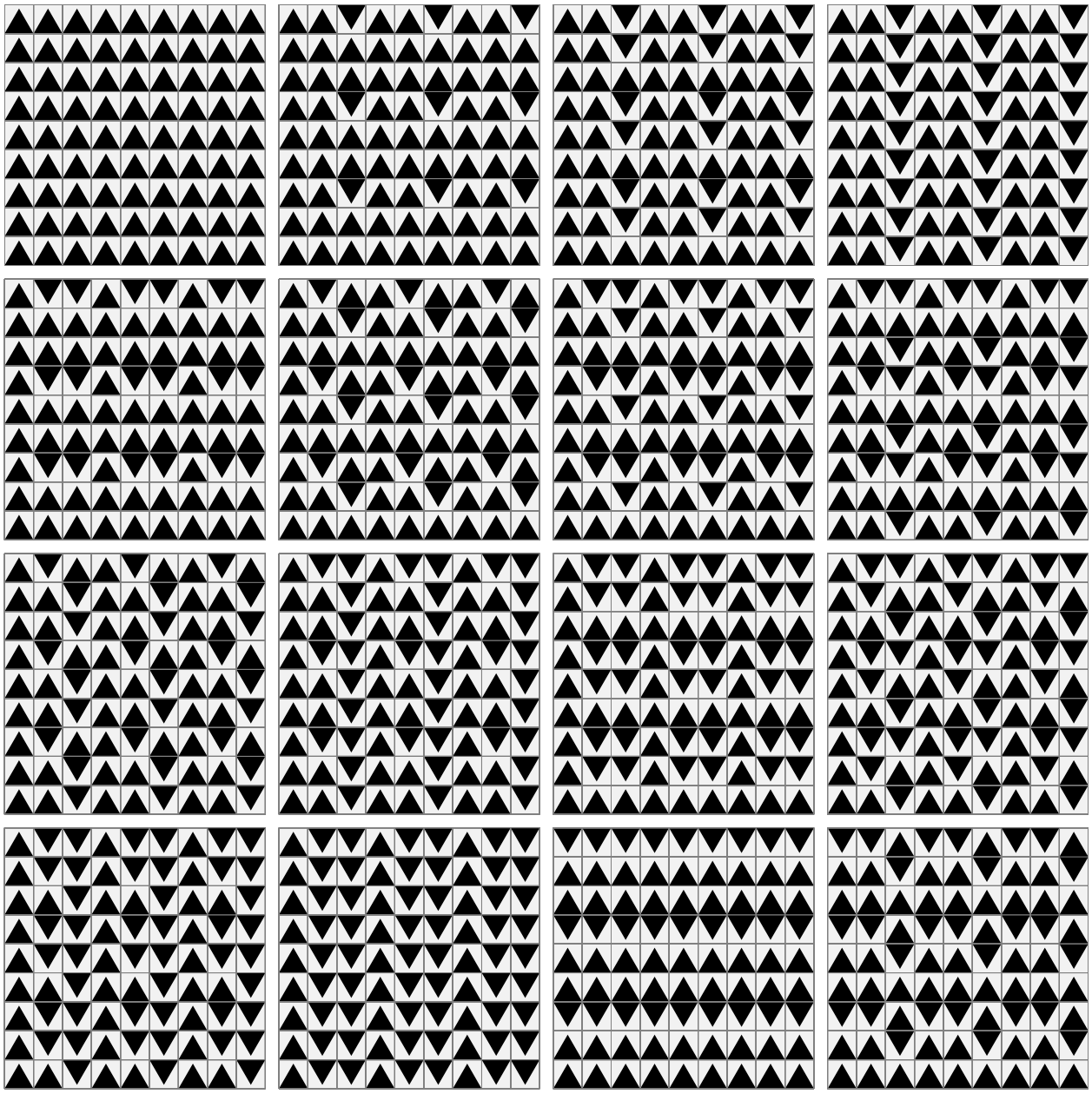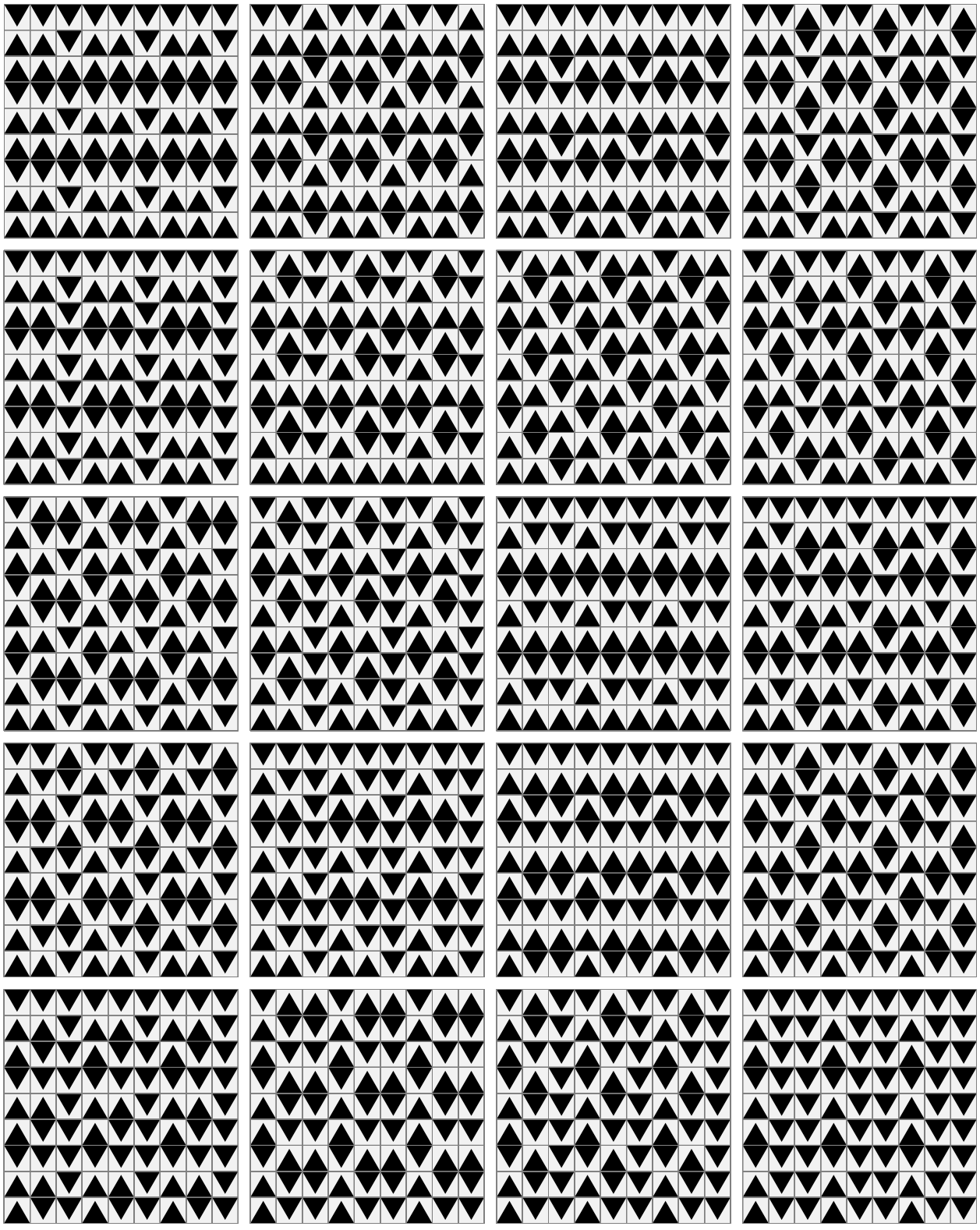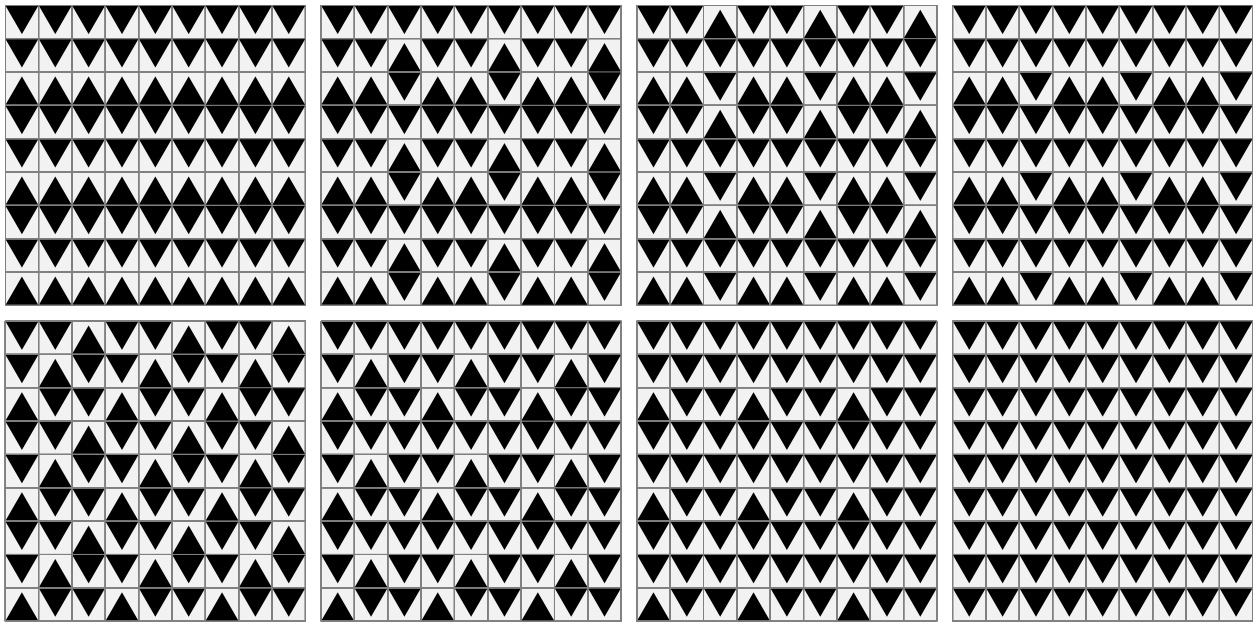The A368305(3, 3) = 44 ways of tiling the 3 × 3 torus by tiles in $\{\boxed{\blacktriangle}, \boxed{\blacktriangledown}\}$ up to horizontal reflection (together with cyclic shifting of rows and columns):