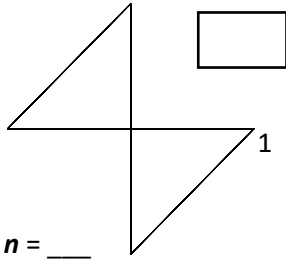
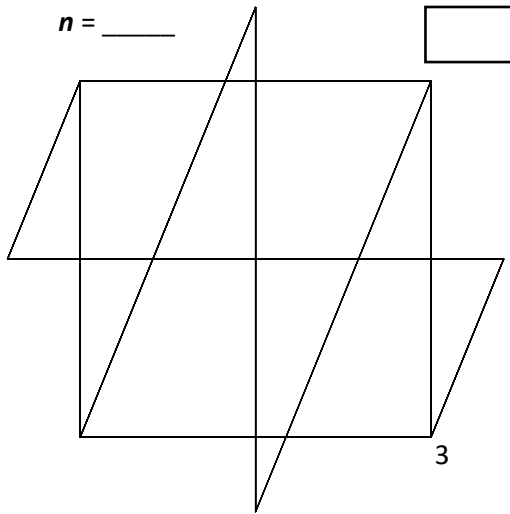


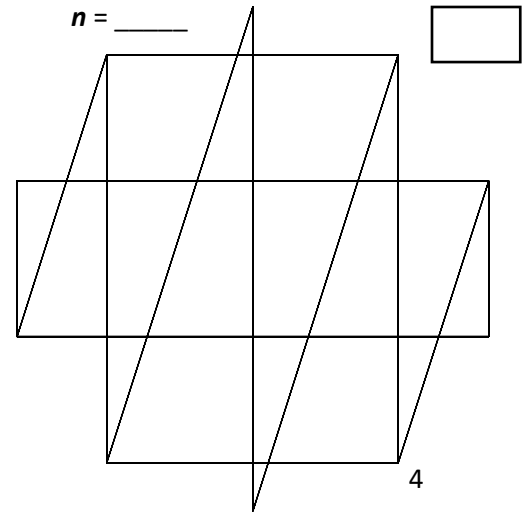
**Page 1, Horizontal bases.** On this page, images have horizontal bases and are numbered like in a clock. What is the number of vertices  $n$  in each image? Use the ideas you learned in File 6 to count triangles in a zig-zag fashion. Place the number of triangles in each image in the box next to the image.



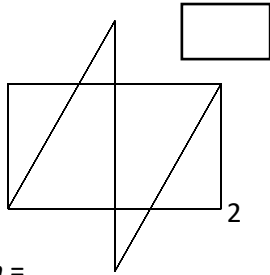
$n = \underline{\quad}$



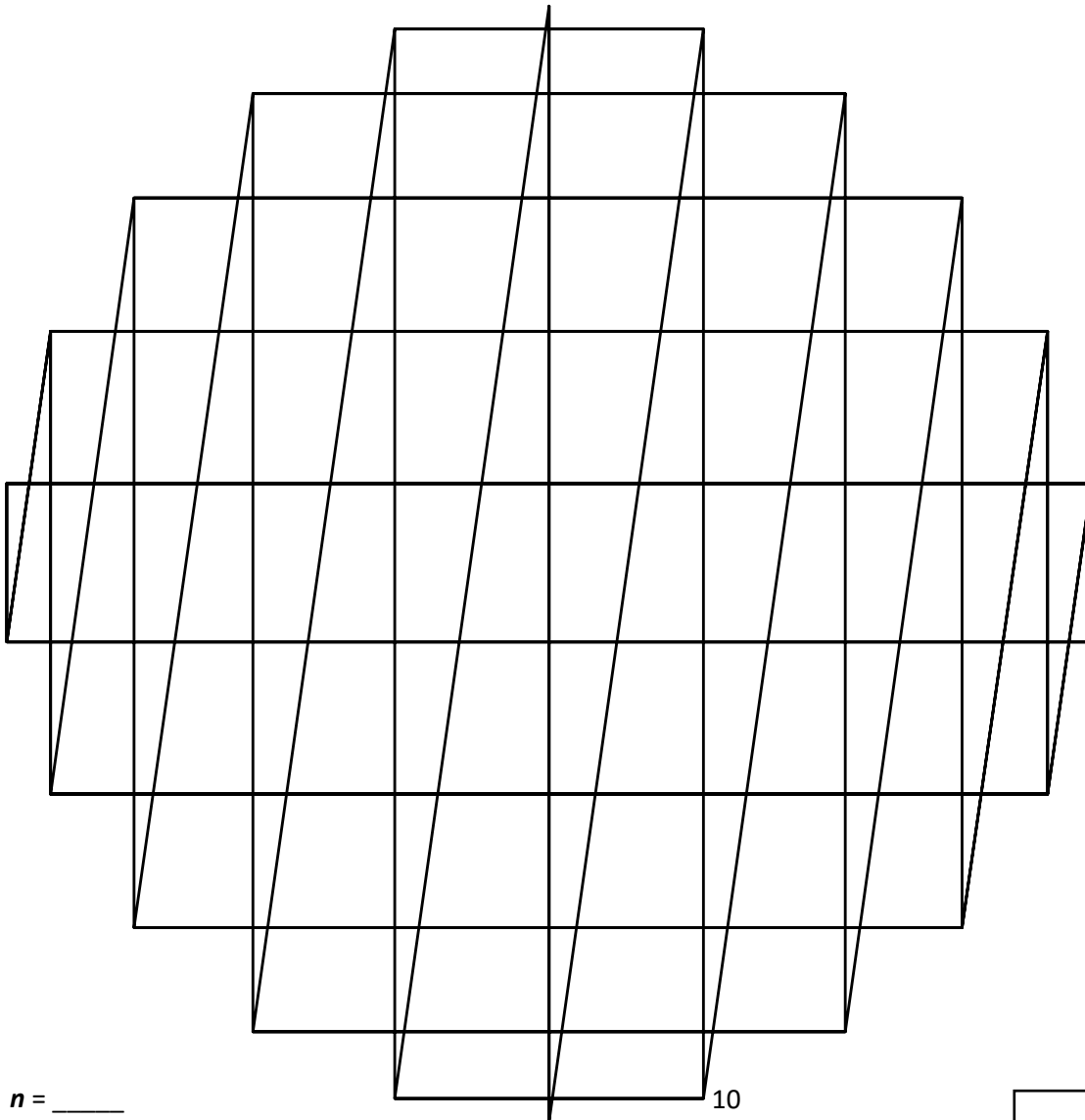
$n = \underline{\quad}$



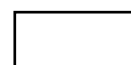
$n = \underline{\quad}$



$n = \underline{\quad}$



$n = \underline{\quad}$



**Page 2, Slanted bases.** On this page, images have slanted bases (notice that the numbers here are 1 less than you would have on a clock). Use the ideas you learned in File 6 to count triangles in a zig-zag fashion. Place the number of triangles in each image in the box next to the image. Do both pages have the same number of triangles for a given  $n$ ? \_\_\_\_\_

