



You are creating a tiled mural for the Zoo. The requirements are:

- They want to use small square tiles that are 1 inch by 1 inch.
- The available colors are black, yellow, green, white and blue.
- Less than 15% of the mural should be yellow.
- For every 1 black tile, they want 3 blue tiles.
- 140 square inches should be green.
- The remaining tiles are white.
- The people hiring you for this task want to make sure your mural meets all the requirements. Justify your design with multiple representations.

