

## Technical Specifications Dimensions

Black and White Pieces Dimensions:

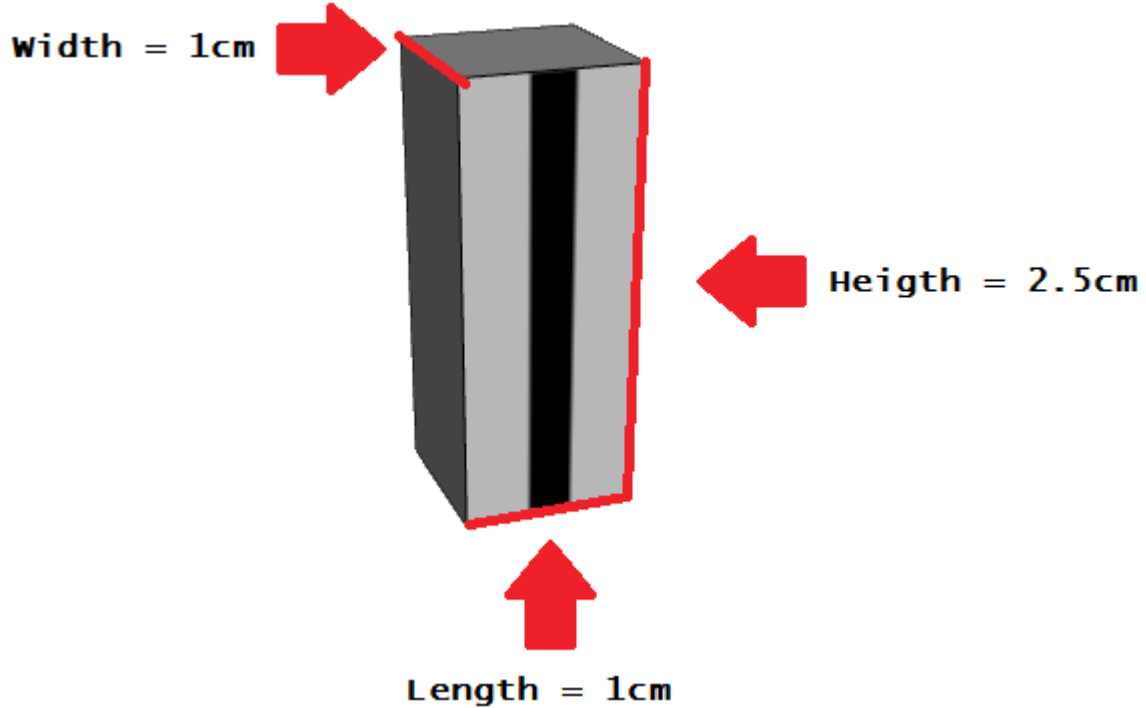
Length: 1cm

Height: 2.5cm

Width: 1cm

Surface Area:  $12\text{cm}^2$

Volume:  $2.5\text{cm}^3$

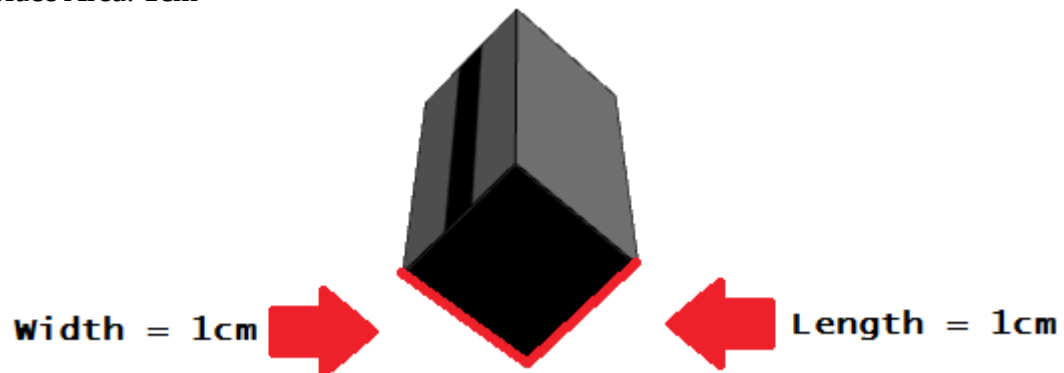


Black and White Pieces Paint Top and Bottom:

Length: 1cm

Width: 1cm

Surface Area:  $1\text{cm}^2$

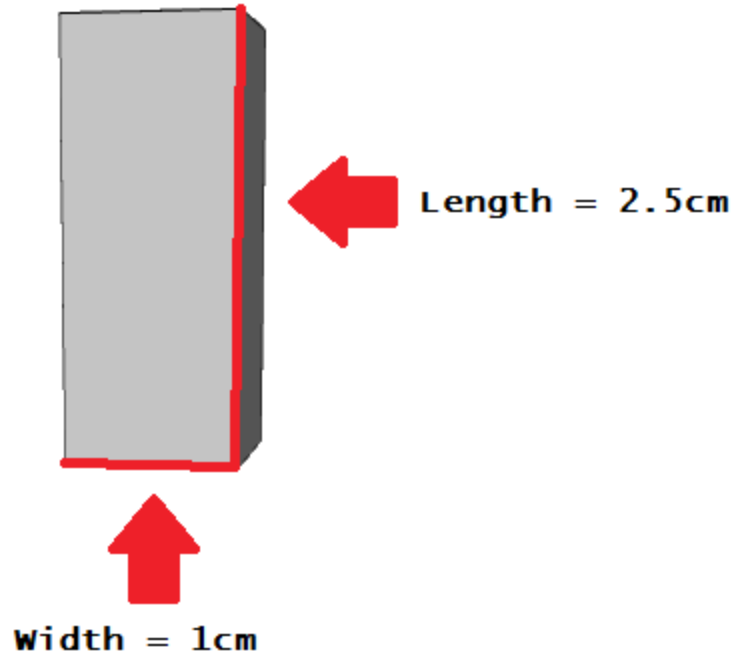


Black and White Pieces Paint all Sides Except Stripped Side:

Length: 2.5cm

Width: 1cm

Surface Area:  $2.5\text{cm}^2$



Black and White Pieces Paint Stripped Side:

Stripe:

Length: 2.5cm

Width: 0.3cm

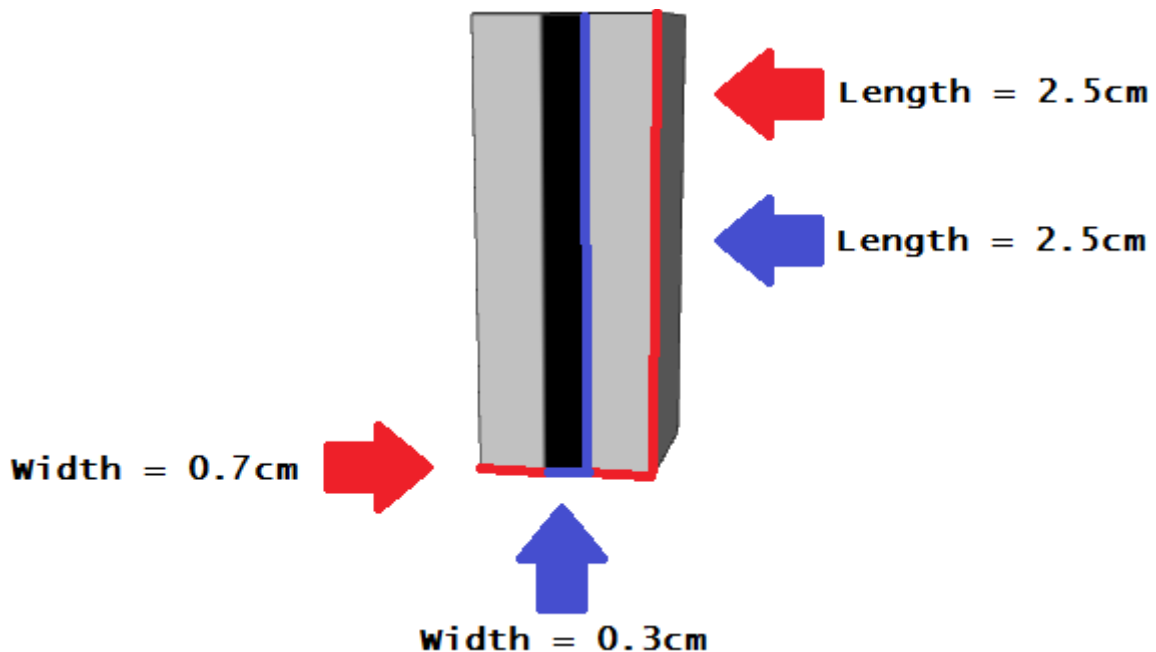
Surface Area:  $0.75\text{cm}^2$

Border Around Stripe (Calculations Combined Both Sides):

Length: 2.5cm

Width: 0.7cm \*The Stripe should have a white border of 0.35cm on each side.

Surface Area:  $1.75\text{cm}^2$



Game Board Dimensions:

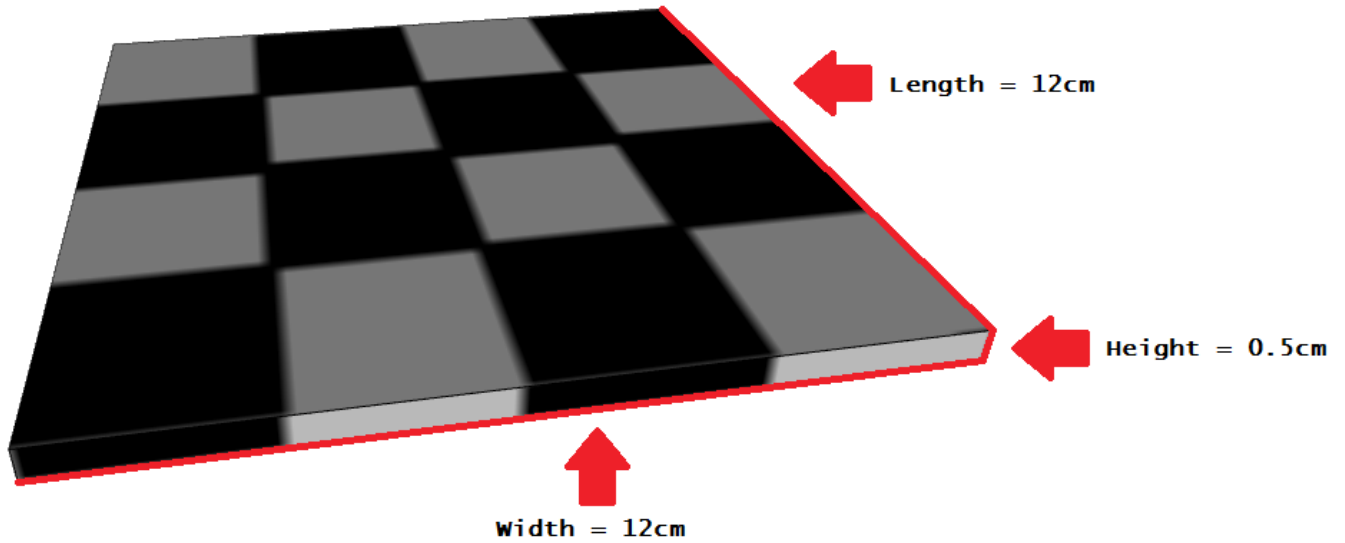
Length: 12cm

Height: 0.5cm

Width: 12cm

Surface Area:  $312\text{cm}^2$

Volume:  $72\text{cm}^3$

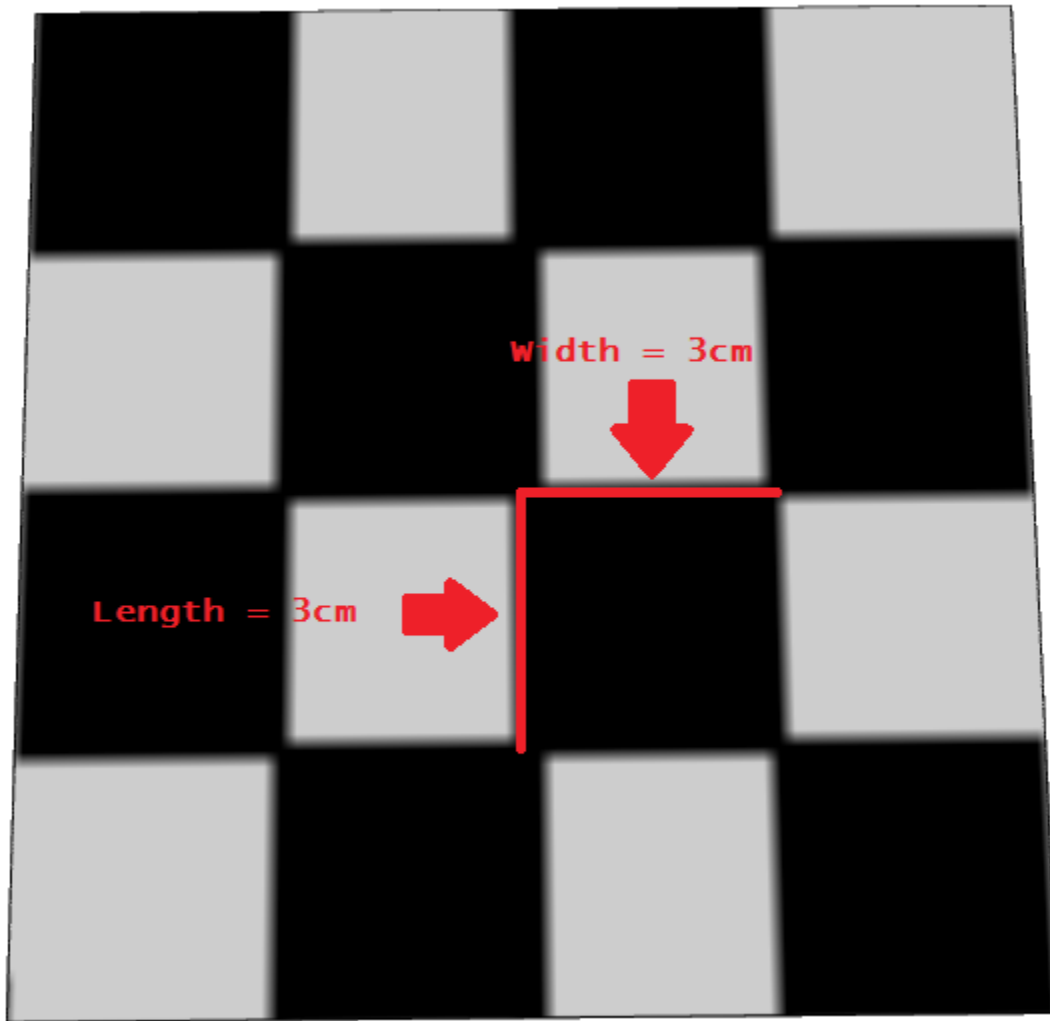


Black and White Top Game Board Paint Squares:

Length: 3cm

Width: 3cm

Surface Area:  $9\text{cm}^2$



Black and White Sides of Game Board Paint:

Length: 0.5cm

Width: 3cm

Surface Area:  $1.5\text{cm}^2$



# Summary Sheet

Total Number of Objects per Package: 10

- 1 Set of Instructions
- 1 Game Board
- 4 White Player Pieces
- 4 Black Player Pieces

Total Surface Area of All Game Pieces (Excluding the Set of Instructions):  $408\text{cm}^2$

Total Volume of All Game Pieces (Excluding the Set of Instructions):  $92\text{cm}^3$

Notes:

The physical and graphic design of the packaging box, game board, pieces, and instructions will fall on the company in order to meet their individual requirements. As for the game pieces and board wood gives it weight and a pleasing aesthetic appeal while plastic is cheaper and faster to produce. The game pieces and board were designed with the intent of using yellow pine wood coated with a layer of paint.