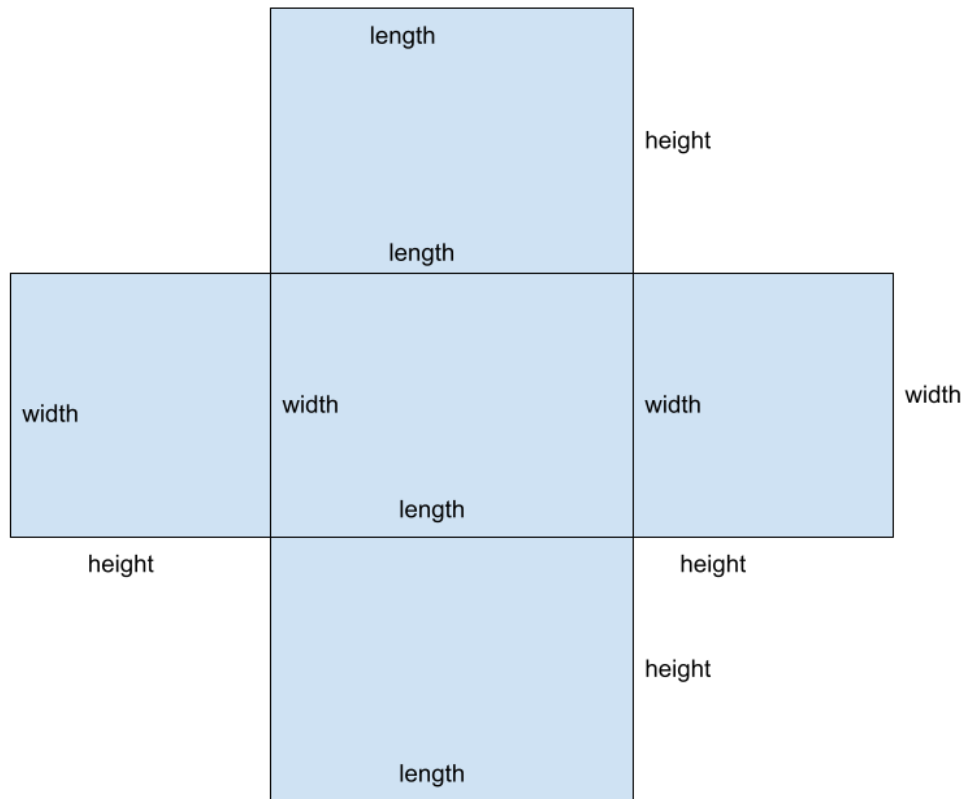


Basket Size



Since width=height, you have 3 pieces lw and two pieces w^2

$$\begin{aligned} & 3(7\sqrt{2})(3\sqrt{7}) + 2(3\sqrt{7})^2 \\ &= 3(21\sqrt{14}) + 2(9\sqrt{49}) \\ &= 63\sqrt{14} + 2(9(7)) \text{ since } \sqrt{49} = 7 \\ &= 63\sqrt{14} + 126 \text{ square inches for amount of quilting} \end{aligned}$$

Twice as much for material so $126\sqrt{14} + 252$ square inches