**Measurements:**

\*Its height is 160 metres.

\*Its length is 180 metres.

\*Its width is 65 metres.

**The Perimeter of the base of this building is:**

180 + 180 + 65 + 65 = 490 metres - 49 (because the hexagonal prism isn’t a square,) = ***441 metres***

**The Area of this building is:**

180 x 64 = ***11,520m2***

**The Volume of this building is:**

180 x 64 x 160 =***1,843,200m3***

**The Robust Palace is made up of these shapes:**