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DEFINITION: A Regular Square Pyramid has a square base with triangular sides. The apex (highest point), is inline with the centre of the square base. A square pyramid is a relatively common geometrical shape/form.



CALCULATE THE AREA OF BASE FIRST AREA OF BASE = LENGTH² AREA OF BASE = 60mm X 60mm = 3600mm²

THEN APPLY THE FOLLOWING FORMULA

Volume = $\frac{1}{3}$ × Base x Height $V = \frac{1}{3}$ × 3600mm x 100mm $V = \frac{1}{3}$ × 36000mm $V = \frac{360000}{3}$ = 120000mm³



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