

Lesson 38/39

4. The sides of the Δ are 500ft

6. 3in by 4in

8. $\frac{8}{\sqrt{3}}$ in \times $\frac{32}{3}$ in

12. The dimensions are $\frac{p}{4}$ by $\frac{p}{4}$, so the rectangle is a square.

18. The max volume is 10,368 in³

20. 15in \times 15in \times 10in