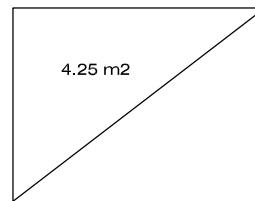
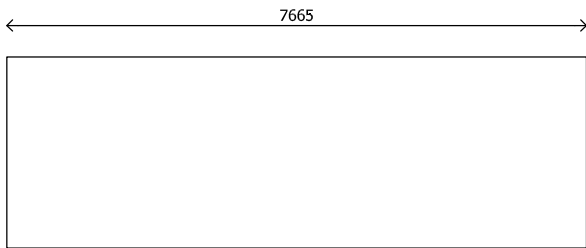


Hip to gable ($\frac{1}{3} \times 3.55 \times 8.6 = 10.2 \text{ m}^3$)



Rear dormer ($7.67 \times 4.25 = 32.6 \text{ m}^3$)

Additional Roof Volume = $10.2 + 32.6 = \mathbf{42.8 \text{ m}^3}$