

## VOLUME OF LOFT EXTENSION

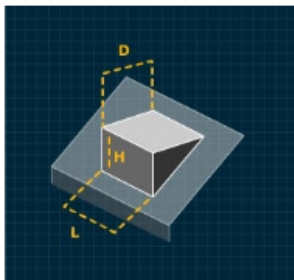
### Hip to gable roof extension

$\frac{1}{3} \times \text{base area} \times \text{height}$

$$\frac{1}{3} \frac{(8.175 \times 3.1) \times 4.1}{2} = 17.14 \text{ m}^3$$

### Volume of proposed rear dormer

#### Dormer window — flat roof



Height (metres)

Depth (metres)

Length (metres)

Total Volume:

**28.50**

Calculate Volume

Reset

TOTAL

$$17.14 + 28.50 = \mathbf{45.64 \text{ m}^3}$$