

$$h_3 \cdot \sin(45) \cdot 2 = 41.60 = M_2$$

$$(h_3 + 2) \cdot \sin(45) \cdot 2 = M_1 = 81.28$$

$$h_3 = 80.37$$

$$h_3 \cos(45) = 77.628$$

$$x = 77.628$$

$$0 = \sin(45) (2 + 50)$$

$$x + 80.37 + 44.08 + x = 244.35 = \frac{2}{h}$$

$$c = 80.37 = (2/5) \cdot 24$$

$$h_2 = 24$$

$$h_2 \cdot \cos(45) = 57.45$$

$$h_1 \cdot \cos(45) = 57.45$$

$$h_1 = 222$$

$$h_1 \sin(45) = 428.7$$

$$h = 428.7$$

$$h \sin(45) = 111$$

