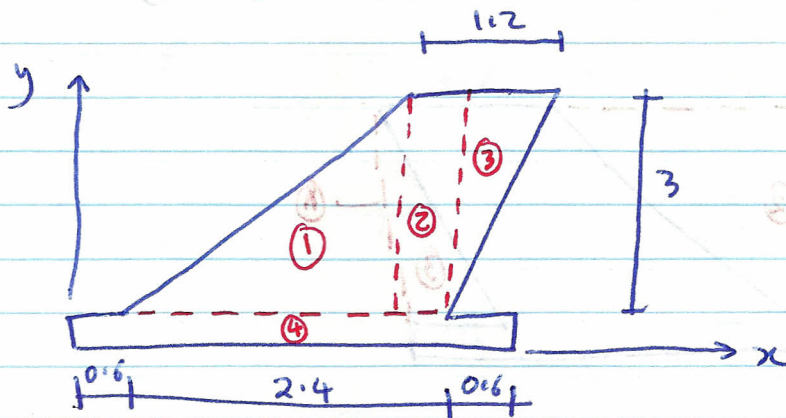


Composite Body

9-57

CAUTION!
Check my arithmetic!



A_i	Area	\bar{x}_i
1	$\frac{1}{2}(1.8)(3) = 2.7$	$0.6 + \frac{2}{3}(1.8) = 1.8$
2	$0.6(3) = 1.8$	$0.6 + 2.4 - \frac{0.6}{2} = 2.7$
3	$\frac{0.5(0.6)(3) = 0.9$ 5.14	$\frac{1}{3}(0.6) + 0.6 + 2.4 + 0.6 = 3.9$

~~$5.14 \bar{x} = 2.7(1.8) + 1.8(2.7) + 0.9(3.9)$~~

~~$\bar{x} = 2.45$~~

4 $3.6(0.4) = 1.44$ $\frac{1}{2}(3.6) = 1.8$

Σ 6.84

$6.84 \bar{x} = 2.7(1.8) + 1.8(2.7) + 0.9(3.9) + 1.44(1.8)$

$\bar{x} = 2.31 \text{ m}$

repeat for \bar{y}