Paper: 1MA1/2H

Question	Answer	Mark	Mark scheme	Additional guidance
13	300	B1	(indep) for process to convert to common units, eg 3×100 (= 300) or 1×100 (= 100) or 1.5×100 (= 150) or $20 \div 100$ (= 0.2) or $10 \div 100$ (= 0.1) or $75 \div 100$ (= 0.75) **or** "4.5" $\times 100^3$ (= 4 500 000) or "15 000" $\div 100^3$ (= 0.015)	This mark can be awarded at any stage One correct conversion for their process is enough for the award of this mark Working may be seen on the diagram
		P1	for finding the volume of either shape, eg $3 \times 1 \times 1.5$ (= 4.5) or [300] × [100] × [150] (= 4 500 000) **or** $20 \times 10 \times 75$ (= 15 000) or [0.2] × [0.1] × [0.75] (= 0.015) **OR** for start of the process to find the number of boxes using one dimension, eg [300] ÷ 20 (= 15) or [100] ÷ 10 (= 10) or [150] ÷ 75 (= 2) or 3 ÷ [0.2] (= 15) or 1 ÷ [0.1] (= 10) or 1.5 ÷ [0.75] (= 2)	[300] = 3 or 30 or "300" or 3000 [100] = 1 or 10 or "100" or 1000 [150] = 1.5 or 15 or "150" or 1500 [0.2] = 20 or 2 or "0.2" or 0.02 [0.1] = 10 or 1 or "0.1" or 0.01 [0.75] = 75 or 7.5 "0.75" or 0.075 May be implied by correctly dividing the areas of the corresponding faces eg $\frac{[300]\times[100]}{20\times10}$
		P1	(dep on P1) for a complete process with or without unit conversion eg "4 500 000" ÷ "15 000" or "4.5" ÷ "0.015" **or** "15" × "10" × "2"	Condone an incorrect attempt to convert volume before division
		A1	cao	