

Question		Answer	Marks	Part Marks and Guidance
1	(a)	8	3	$\frac{20}{15}$ M2 for $6 \times \frac{20}{15}$ oe $\frac{20}{15}$ or $\frac{15}{20}$ oe seen Do not allow 8 after 7.9... For M2 or M1 condone 1.3[3..] for 20/15
	(b)	295 to 298	3	$\frac{700}{(20/15)^3}$ M2 for <i>their</i> (20/15) ³ oe Or M1 for <i>their</i> (20/15) ³ or <i>their</i> (15/20) ³ oe

2	$x = 5$ $y = \frac{1}{2}$ oe with correct manipulative algebra	4	M1 for multiplying both equations to get either coefficient equal (allow 1 error in each equation) M1 dep for adding or subtracting as appropriate (allow 1 error) A1 for either x or y correct if non-manipulative method used (eg t-a-i) award SC1 for correct answers	mark best attempt If no more than 1 error in the multiplication, FT for a maximum of 3 marks
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3	(a)	17.1	3	M2 for $\frac{19.5}{6.5} \times 5.7$ Or M1 for $\frac{19.5}{6.5}$ soi by 3	
	(b)	52	1		
	(c)	459 nfw	2	For 2 marks condone answer in range 452 to 460 nfw M1 for $51 \times (their\ 3)^2$	If using $A = \pi r^2$ must be full and complete method to score M1