

Question			Answer	Marks	Part marks and guidance	
	(b)		$8\frac{1}{7}$ or 8.14[...]	<b>4</b> 2 AO1.3b 2 AO3.1d	<b>M1</b> for 15 or $105 \div 7$  <b>AND</b> $\frac{180 + 105}{20 + 15}$ <b>M2</b> for <i>their</i> (20 + 15) $\frac{18 + 10.5}{2 + 1.5}$ or <i>their</i> '(2 + 1.5)'  or <b>M1</b> for some attempt to find $\frac{\text{total mass}}{\text{total volume}}$	
18	(a)	(i)	$x > 3$	<b>3</b> 3 AO1.3a	<b>M1</b> for $4x$ <b>soi</b> <b>M1</b> for 12 <b>soi</b>	
		(ii)	2	<b>1</b> 1 AO1.3a		
	(b)		[+]5    -5	<b>2</b> 2 AO1.3a	<b>M1</b> for $x^2 = 25$  If <b>0</b> scored, instead award <b>SC1</b> for 5 seen as answer	
	(c)		[x =] 2    [y =] -1	<b>3</b> 3 AO1.3b	<b>M1</b> for eliminating one variable <b>M1</b> for correct substitution of <i>their</i> x or y	