Question	Answer	Mark	Mark scheme	Additional guidance
18 (a)	Explanation	C1	for explanation, eg needs to make sure the total is 100 **Acceptable examples** Total in diagram is 98 Total in diagram is not 100 Diagram is missing 2 people eg 100 – 42 – 10 – 8 – 5 – 1 – 2 – 13 = 19 not 17 **Not acceptable examples** Imran hasn't written all the values The total is 81 (not 100) The total (for the Venn diagram) is more than 100 The 17 shouldn't be there The numbers don't add up correctly Total doesn't add to the correct amount The diagram is correct	
(b)	$\frac{64}{89}$	M1	for $\frac{8+56}{8+56+7+18}$ or for $\frac{64}{n}$, $n > 64$ or $\frac{"8+56"}{n}$, $n >$ "8 + 56" or for $\frac{m}{89}$, $m < 89$ or $\frac{m}{"8+56+7+18"}$, $m <$ "8 + 56 + 7 + 18" or for 64 : 89	
		A1	for $\frac{64}{89}$ oe	Accept any equivalent fraction, decimal form, 0.71(9…) or percentage form 71(.9…)% rounded or truncated to at least 2 significant figures