

1	(a)	Venn diagram	<p>C4 fully correct Venn diagram</p> <p>(C3 6 or 7 of the 8 regions correct)</p> <p>(C2 4 or 5 of the 8 regions correct)</p> <p>(C1 2 or 3 of the 8 regions correct)</p>		<p>If all other regions correct, accept blank region for 0 Additional digits in the diagram should be counted as 2 elements</p>
	(b)	$\frac{12}{62}$	<p>M1 (ft their Venn diagram) for $\frac{8+4}{b}$ where $b > 8+4$</p> <p>or $\frac{a}{44+8+4+6}$ where $a < 44+8+4+6$ oe ft oe</p> <p>A1</p>	<p>Need not be written in correct form at this stage eg could be a ratio 12 : 62</p> <p>Accept any equivalent fraction, decimal form 0.19(35...) or percentage form 19(.35...)%</p>	

2	(a)	Venn diagram	<p>B3 for a fully correct Venn diagram</p> <p>(B2 for two or three of the four regions correct)</p> <p>(B1 for just one of the four regions correct)</p>		<p>Ignore all entries except the region you are marking for each method mark</p>
	(b)	$\frac{7}{10}$	<p>M1 (ft diagram) for $\frac{a}{10}$ where $0 < a < 10$ and a is an integer or $\frac{7}{b}$ where $b > 7$ and b is an integer</p> <p>or $1 - \frac{3}{10}$ or 7 : 10</p> <p>A1 (ft diagram) for $\frac{7}{10}$ oe</p>	<p>Repeated digits in the diagram should be counted as 2 elements</p> <p>Accept any equivalent fraction, or 0.7 or 70%</p>	