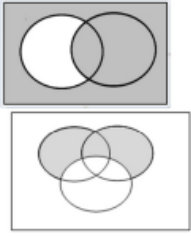


Question 8 – 2:

8(a)(i)	$A \cap B$	1	
8(a)(ii)		2	B1 for each
8(b)(i)	$\frac{9}{11}$	1	
8(b)(ii)	$\frac{36}{121}$ oe	3	M2 for $2 \times \frac{2}{11} \times \frac{9}{11}$ oe or M1 for $\frac{2}{11} \times \frac{9}{11}$ oe If 0 scored SC1 for $\frac{36}{110}$
8(c)(i)	3, 5, 28, 14 correctly placed	2	B1 for 28 in the intersection
8(c)(ii)	$\frac{28}{50}$ oe	1	FT <i>their</i> 28 where <i>their</i> 28 < 50
8(c)(iii)	$\frac{123}{175}$ oe	2	M1 for $\frac{42}{50} \times \frac{41}{49}$
8(c)(iv)	$\frac{63}{88}$ oe	2	FT <i>their</i> 28 M1 for $\frac{\text{their}28}{33} \times \frac{\text{their}28-1}{32}$