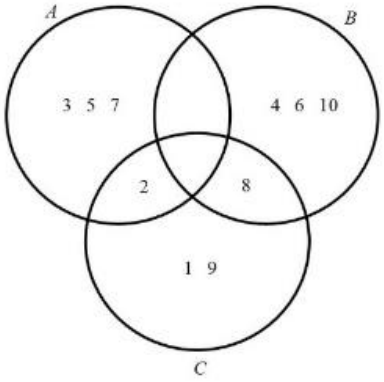
Question		Working	Answer	Mark	Notes
Apart from questions 9, 16, 20, 23 (where the mark scheme states otherwise) the correct answer, unless clearly obtained by an incorrect method, should be taken to imply a correct method					
1		95 × 8 + 105 × 12 + 115 × 15 + 125 × 10 + 135 × 3 (= 5400) **or** 760 + 1260 + 1725 + 1250 + 405 (= 5400)			M2 for at least **4** correct products added (need not be evaluated) **or** If not M2 then award M1 for consistent use of value within interval (including end points) for at least **4** products which must be added **or** correct midpoints used for at least **4** products and not added
		'5400' ÷ '48'			M1 dep on at least M1 Allow division by their Σ*f* provided addition or total under column seen
			112.5	4	A1 oe accept 112 **or** 113 from complete working Accept 112.5 with no working Do not accept 112 **or** 113 with no working
					Total 4 marks

2		Two pairs of intersecting arcs with equal radius centre D and E			M1 for 2 pairs of arcs that intersect within guidelines **or** correct perpendicular bisector without arcs.

			Correct bisector with arcs	2	A1
					Total 2 marks

3	(a)	**Examples** There are no members that are in both *A* and *B* No members in common (in *A* and *B*) No numbers the same (in *A* and *B*) *B* has even numbers. *A* has odd numbers except 2 which is not in *B* Nothing in *A* is in *B* oe No overlap A and B don't share any numbers	Correct statement	1	B1 for a statement which indicates correct meanings for intersection and empty set
	(b)		1 and 9	1	B1
	(c)	e.g.  	1, 2, 8, 9	2	B2 for fully correct (B1 for 3 or 4 correct with no more than one addition or a fully correct Venn diagram)