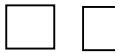
Paper: 1MA1/3F				
Question	**Working**	**Answer**	**Mark**	**Notes**
6 **Q1**		Correct pictogram with key	C3 [C2 [C1	for a fully correct pictogram, including key for 2 circles drawn for Friday or $3\frac{3}{4}$ circles (or equivalent) drawn for Saturday] for deducing that one circle represents 4 cycles (or 20 ÷ 5) or $\frac{1}{2}$ circle represents 2 cycles or $\frac{1}{4}$ circle represents 1 cycle]

Paper 1MA1: 2F					
Question		**Working**	**Answer**	**Mark**	**Notes**
5	(a)		Monday wrong	C1	for seeing difference in tally marks and frequency for Monday
Q2					
	(b)		Comment	C1	for suitable comment, eg extra picture for Tuesday needed or explains that 0.5 of a CD is not possible

Paper: 1MA1/1F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
7 **Q3**		M1 M1 C1	for use of scaling, eg at least one of 12, 5, and 6 **or** 23 **OR** for using the representation, eg $\frac{30}{4}$ (= 7.5) or 5.75 for subtracting their total number of trees from 30, eg 30 – "23" (= 7) **OR** for subtracting the total number of squares from 7.5, eg 7.5 – "5.75" (= 1.75) oe	May be seen on diagram. "23" must be from addition of 12, 5 and 6 Award 2 marks for 7 seen provided unambiguous "5.75" must be from addition of correct decimals/fractions May be alternative representations, eg one square + half square + quarter squar or squares may be divided into 4 sections. Any orientation acceptable.

Pape: 1MA1/1F				
Que. tion	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
6 (a)	24	B1	cao	
(b)		C1	for showing diagrams that represent 12 pictorially	Shapes can come from a combination of shapes, but must sum to 12. Any orientation.
(c)	84	M1	for a complete method to find the total number eg $3 \times 8 + 3.5 \times 8 + 2.5 \times 8 + 12$ or $(3 + 3\frac{1}{2} + 2\frac{1}{2} + 1\frac{1}{2}) \times 8$ or $24 + 28 + 20 + 12$ or $9 \times 8 + 3 \times 4$ NB ft from (b)	Accept one error in the totals for each month, eg 24 + 28 + 18 + 12 for the award of this mark. Do not award for omission of figure for April. If work in (a) or (b) consistently shows a misinterpretation of the scale the M mark can still be awarded if also consistent
Q4		A1	cao	

Paper: 1MA1/2F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
9 (a)(i)	24	B1	cao	
(ii)	18	B1	cao	
(b)	Diagram	M1	for $36 \div 9$ or for using ratio 1 : 8 or setting up $w + 8w$ (=36)	Fully correct diagram with no method shown gets all 3 marks
Q5		A1	for 4 and 32	
		C1	for correct diagram or ft (dep on M1) for drawing "4" and "32"	SC: B2 for 4 full circles for Wed **and** half a circle for Thursday SC: B1 for either Wed correct or for Thurs correct in the diagram if M0 scored

Paper: 1MA1/1F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
7 **Q6**	Correct pictogram drawn	C1	deduces that 1 ellipse represents 12 (eggs) oe	eg. ½ ellipse represents 6 (eggs), ¼ ellipse represents 3 (eggs)
		C1	2 ellipses for Tuesday oe	some interpretation of shapes will be needed
		C1	2¼ ellipses for Wednesday oe	
		C1	correctly represented key	
			Alternative (using 1 ellipse to represent a different number of eggs)	
		C2	for a correctly shown key, eg. 1 drawn ellipse represents 4 (eggs) oe **and** one day in agreement with their key.	eg. a correctly represented key plus, $4\frac{1}{2}$ ellipses for Monday oe
		C1	for a second day in agreement with their key	eg. 6 ellipses for Tuesday oe
		C1	for a third day in agreement with their key.	eg. $6\frac{3}{4}$ ellipses for Wednesday oe

Paper: 1MA1/1F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
11 (a)	16	B1	cao	
(b)	12	M1	for 22 **or** 10 **or** (11 – 5) × 2 oe **or** 1.5 × 8 oe	If the scale is misread in part (a), allow ft marks in parts (b) and (c) for all marks provided consistently used.
		A1	cao	
(c)	Pictogram	C3	for Thursday = 8 drawn oe **and** Friday = 24 drawn oe	Some interpretation of shapes will be needed
Q7		(C2	for Thursday = 8 drawn oe **or** for Friday = 24 drawn oe **or** Thursday = 8 **and** Friday = 24 **or** for Thursday = 24 drawn oe **and** Friday= 8 drawn oe)	
		(C1	for 32 ÷ 4 (= 8) **or** 32 ÷ 4 × 3 (= 24) **or** 32 ÷ 8 **or** for a total of 32 drawn for Thursday and Friday)	

Paper: 1MA1/1F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
6 **Q8**	8	B1	cao	