Highfield Functional Skills Qualification in Mathematics at Level 2   **PAPERCODE: FSQN208_MS**

Question	Total marks	Content Ref	Process	Marker annotation	Accepted answer AFT = allow follow through CAO = correct answer only OE = or equivalent
Underpinning Knowledge					
1	**1**	**4**	Calculate answer	**1CA**	**CAO** 0.73
2	**1**	**12**	Calculate answer	**1CA**	**CAO** 10
3	**2**			**2CA**	**CAO** **116(°)**
		If answer incorrect revert to:			
		22	Method to find angle	**1a**	method 180 – (2 × 32) OE
		22	Correct answer	**1b**	**CAO** 116(°)

Problem Solving						
4	**4**			**4CA**	**CAO** $\frac{3}{10}$	
		If answer incorrect revert to:				
		8	Method to find fraction	**1a**	method $240 = (72 + 63 + 54 + 51)$	
		8	Turns into fraction	**1b**	**AFT** $\frac{72}{240}$	
		8	Any correct attempt to simplify	**1c**	**AFT** $\frac{36}{120}$ or $\frac{18}{60}$ or $\frac{12}{40}$	
		8	Fully simplified fraction	**1d**	**CAO** $\frac{3}{10}$	
5	**3**			**3CA**	**CAO** **8.3(33)%** *accept any number of 3's after the decimal*	
		If answer incorrect revert to:				
		6	Method to find increase	**1a**	method Increase = (13h – 12h =) 1 hour	
		6	Method to find increase in %	**1b**	method $1 \div 12 \times 100$	
		6	Correct answer	**1c**	**CAO** 8.3(33)% *accept any number of 3's after the decimal*	
6	**2**			**2CA**	**CAO** **0.16(66) or $\frac{1}{6}$ or 16(.66)%**	
		If answer incorrect revert to:				
		27	Method to find probability	**1a**	**CAO** – method $7 \div (21 + 10 + 4 + 7 = 42)$	
		27	Correct answer	**1b**	**CAO** 0.16(66) or $\frac{1}{6}$ or $\frac{7}{42}$ or 16(.66)%	

FSQN208_MS_050822

7	4			4CA	**CAO** Correct labels and $\frac{1}{9}$ for strawberry milk chocolate
		If answer incorrect revert to:			
		26	Correct labels on 1st branch	1a	**CAO** $\frac{2}{3}$ on 1st branch for dark
		26	Correct labels on 2nd branches for Milk	1b	**CAO** $\frac{1}{9}$ on all 2nd branches for 'Milk' OR $\frac{1}{3}$ on all 2nd branches for 'Milk' and $\frac{1}{3} \times \frac{1}{3}$ used to calculate strawberry milk
		26	Correct labels on 2nd branches for Dark	1c	**CAO** $\frac{2}{9}$ on all 2nd branches for 'Dark' OR $\frac{1}{3}$ on all 2nd branches for 'Dark' and $\frac{1}{3} \times \frac{1}{3}$ used to calculate strawberry milk
		26	Correct answer for strawberry milk chocolate	1d	**CAO** $(\frac{1}{3} \times \frac{1}{3}) = \frac{1}{9}$

FSQN208_MS_050822