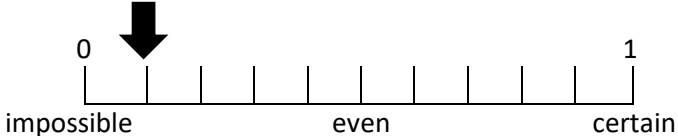**Highfield Functional Skills Qualification in Mathematics at Level 1**   **PAPERCODE: FSQN110P_MS_261120**

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**	**8**	Orders fractions correctly	**1CA**	**CAO** $\frac{2}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{7}{8}$ accept equivalent fractions or decimals
2	**1**	**6**	Correct multiplication	**1CA**	**CAO** **225**
3	**1**	**7**	Follows order of precedence to find correct answer	**1CA**	**CAO** **64**
4	**1**	**25**	Correct net identified	**1CA**	**CAO** **D indicated only**
Problem Solving					
5	**3**			**3CA**	**CAO** **£206.80**
		If answer incorrect revert to:			
		19	Method to find 12%	**1a**	235 ÷ 100 × 12 (=28.2) OE
		19	Method to subtract discount	**1b**	**AFT** 235 − (28.2) = (206.8)
		19	Correct answer	**1c**	**CAO** **(£)206.80**

6	**2**			**2CA**	**CAO** **Yes and 81 minutes and 90 minutes needed or** **Yes and 12:51**	

	If answer incorrect revert to:				
	20	Method to find total time to make bread or time it will be ready	1a	45 + 11 + 25 (= 81) or 11:30 + 45 + 11 + 25 or 1:00 - 45 - 11 - 25	
	20	Decision with either end time or two intervals	1b	**CAO** Yes **and** 81 minutes **and** 90 minutes needed or Yes **and** 12:51	

7	**1**	**30**	Correctly identifies probability on scale	**1CA**	**CAO**	

0   1

impossible   even   certain

8	**2**			**2CA**	**CAO** **(£)4,255**

	If answer incorrect revert to:				
	18	Method to find 15% of 3,700	1a	3700 × 1.15 = (4255) OE e.g. 10% = (370) ÷ 2 = (185) for 5%, (370 + 185)	
	18	Finds correct total	1b	**CAO** (£)4,255	

9	**3**			**3CA**	**CAO** **3 correct angles: 72 (°), 252 (°), 36 (°)**

	If answer incorrect revert to:				
	9	Correct angle for woodpeckers	1a	**CAO** - (360 ÷ 5) OE 72 (°)	
	14	Correct angle for owls	1b	**CAO** - (360 ÷ 100 × 70) OE 252 (°)	
	11	Correct angle for turtle doves	1c	**AFT** - 360 – (72 – 252) OE 36 (°) *(AFT unless answers are 120, 120, 120)*	