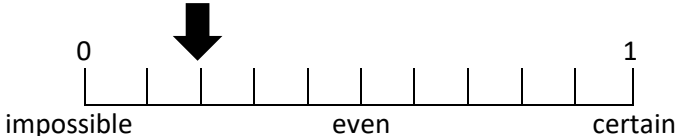**Highfield Functional Skills Qualification in Mathematics at Level 1 - MOCK**   **PAPERCODE: FSQN109P_MS_05112021**

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	Correct order	1CA	**CAO** $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{3}{4}$ accept equivalent fractions or decimals
2	1	6	Correct multiplication	1CA	**CAO** **625**
3	1	7	Correct value	1CA	**CAO** **144**
4	1	25	Correct net	1CA	**CAO** **B indicated only**
Problem Solving					
5	3			3CA	**CAO** **£160.65**
		If answer incorrect revert to:			
		19	Method to find 15%	1a	189 ÷ 100 × 15 (=28.35) OE
		19	Method to subtract discount	1b	**AFT** 189 – (28.35) = (160.65)
		19	Correct answer	1c	**CAO** **(£)160.65**

6	**2**			**2CA**	**CAO** **No and 85 minutes and 75 minutes or No and 10:40**
		If answer incorrect revert to:			
		20	Method to find total time to make bread or time it will be ready	1a	20 + 50 + 15 (=85) or 9:15 + 20 + 50 + 15 or 10:30 - 20 - 50 - 15
		20	Decision with either end time or two intervals	1b	**CAO** No **and** 85 minutes **and** 75 minutes or No **and** 10:40
7	**1**	30	Correctly identifies probability on scale	1CA	**CAO**
8	**2**			**2CA**	**CAO** **(£) 17,325**
		If answer incorrect revert to:			
		18	Method to find 5% of 16 500	1a	16500 × 1.05 = (825) OE e.g. 10% = (1650) ÷ 2 = (825) for 5%, (825 + 16500)
		18	Correct new salary	1b	**CAO** (£)17,325
9	**3**			**3CA**	**CAO** **3 correct angles: 144 (°),61.2 (°),154.8 (°)**
		If answer incorrect revert to:			
		9	Correct angle for small parcels	1a	**CAO** - (360 ÷ 5 × 2) OE **144** (°)
		14	Correct angle for letters	1b	**CAO** - (360 ÷ 100 × 17) OE **61(.2)** (°) accept correct rounding
		11	Correct angle for large parcels	1c	**AFT** - 360 – (144 – 61.2) OE **154.8** (°) accept correct rounding *(AFT unless answers are 120, 120, 120)*

FSQN109P_051121