

Highfield Functional Skills Qualification in Mathematics at Level 2 - MOCK

PAPERCODE: FSQN209P_MS_051121

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	12	Calculate value	1CA	CAO 160	
2	1	5	Calculate 15%	1CA	CAO 58.5(0)	
3	2			2CA	CAO 15 & 15	
		If answer incorrect revert to:				
		23	Median identified	1a	CAO median = 15	
		23	Mode identified	1b	CAO mode = 15	
Problem Solving						
4	3			3CA	CAO $\frac{4}{15}$	
		If answer incorrect revert to:				
		7	Method to find equivalent fractions	1a	CAO- method $\frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15}$	
		7	Method to find remainder	1b	CAO- method $1 - \frac{11}{15}$	
		7	Correct fraction	1c	CAO $\frac{4}{15}$ OE	

5	4			4CA	CAO (£)88.10
		If answer incorrect revert to:			
		13	Calculates 3% of 950	1a	CAO (£)28.50 or (£)978.50
		13	Calculates the compound interest on year 2	1b	AFT (£)29.36 or (£) 1007.86 accept correct rounding only
		13	Calculates the compound interest on year 3	1c	AFT (£)30.24 or (£) 1038.10 accept correct rounding only
		13	Calculates the total interest earned	1d	CAO (£)88.10
6	4			4CA	CAO Yes and 33 (m ²) or 3(m ²) left over
		If answer incorrect revert to:			
		16	Method to find area of any rectangle	1a	CAO 9 × 4 (=36) or 6 × 4 (=24) or 3 × 4 (=12)
		16	Method to find area of triangle	1b	CAO (3 × 2 ÷ 2) (=3)
		16	Full method to find total area	1c	CAO (9 × 4) – (3 × 2 ÷ 2) (=33) or (6 × 4) + (3 × 2) + (3 × 2 ÷ 2) (=33)
		16	Correct area and interpretation	1d	CAO Yes and 33 (m ²) or 3m left over
7	2			2CA	CAO $\frac{88}{432}$ or $\frac{11}{54}$
		If answer incorrect revert to:			
		26	Uses appropriate method to calculate probability	1a	CAO $\frac{8}{12} \times \frac{11}{36}$
		27	Finds correct fraction	1b	AFT $\frac{88}{432}$ or $\frac{11}{54}$