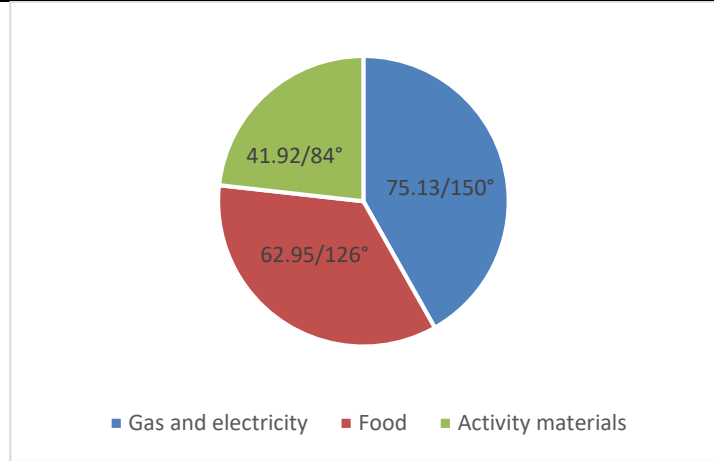


Highfield Functional Skills Qualification in Mathematics at Level 1

PAPERCODE: FSQN111P

Question	Total marks	Subject content	Process	Marker annotation	Accepted answer AFT = allow follow through CAO = correct answer only OE = or equivalent
<b>Underpinning Knowledge</b>					
1	1	6	Calculate 16 x 16	1CA	CAO 256
2	1	7	Calculate the value of W	1CA	CAO 306
3a	2	1	Order numbers in ascending order	1a	CAO 9,851 57,095 99,951 625,854 958,514
3b		1	Write the number 57 095 in words	1b	CAO Fifty seven thousand and ninety five
<b>Problem-Solving</b>					
4	2			2CA	CAO Pop Shop (must be supported with correct working out - £21 & £20)
		<b>If the answer is incorrect revert to:</b>			
		19	Method to calculate discounts	1a	CAO 3 x 7 (Pop Shop) 80 ÷ 4 (Townsmen)
		19	Correct discounts and decision	1b	AFT 21 20 Pop Shop has the bigger saving

5	3			3CA	CAO No (must be supported with correct working out - 301m <sup>2</sup> )
		<b>If the answer is incorrect revert to:</b>			
		22	Identify missing length(s)	1a	CAO 28m and/or 7m
		22	Method for working out total area	1b	AFT (35 x 7) + (7 x 8) Or (15 x 7) + ((28) x 7) Or (35 x 15) – ((28) x 8)
		22	Correct area and decision	1c	CAO 301m <sup>2</sup> and No (must see both for final mark)
6a	4	11	Calculate total weekly spend	1a	CAO £180
6b		26	Method to calculate degrees per £	1b	360 ÷ 180 = 2
		11	Converts figures to be represented on a pie chart	1c	AFT 75.13 x 2 = 150.26 (rounded to 150°) 62.95 x 2 = 125.90 (rounded to 126°) 41.92 x 2 = 83.84 (rounded to 84°)
		27	Represent data in pie chart	1d	 <p>CAO</p>

					Accurately draws all 3 segments on the pie chart as above - OE (allow +/- 2° tolerance)
7	2			2CA	£120
		<b>If the answer is incorrect revert to:</b>			
		14	Calculate 20% of their total weekly wage	1a	AFT £675 ÷ 10 x 2 OR (675 x 1.2) - 675 OR equivalent method to calculate % increase
		14	Correct answer	1b	CAO £135 seen and No