

Q1. (2020)

- 8 Here is some information, by ticket type, about the number of people visiting a cinema one week.

Key:  represents 40 people

Adults	
Students	
Children	

(A)

Q	Answer	Mark	Comments
	160	B1	
Additional Guidance			
8(a)	If answer line blank, check diagram		
	Accept 160 people but not adults or students		
	Accept 160 out of 540		B1
	Do not accept $\frac{160}{540}$		B0

(B)

Q	Answer	Mark	Comments
8(b)	(difference $\Rightarrow$) $6 - 3.5$ or 2.5 or (working in small boxes) $24 - 14$ or (S) 6×40 or 24×10 or 240 or (A) 3.5×40 or 14×10 or 140 or $40 + 40 + 20$	M1	oe
	100	A1	
	Additional Guidance		
	Check diagram for working		

Q2. (2021)

- 7 Rashid counted the pieces of homework he had done in three subjects. He draws a pictogram to show the results.

Key:  represents 4 pieces of homework

Maths	
English	
Geography	

(A)

Q	Answer	Mark	Comments
7(a)	$1\frac{1}{4}$ symbols added to Geography	B1	mark intention

(B)

Q	Answer	Mark	Comments
7(b)	Alternative method 1 – pieces of homework		
	5 × 4 or 20 or 3.5 × 4 or 14	M1	oe check diagram
	5 × 4 + 3.5 × 4 + 5 or their 20 + their 14 + 5 or 39	M1dep	oe
	19 hours 30 minutes	A1	
	Alternative method 2 – time taken		
	Correct method to find the time taken (in minutes or hours) for one subject	M1	check diagram eg (in minutes) 5 × 4 × 30 or 600 (M) 3.5 × 4 × 30 or 420 (E) 1.25 × 4 × 30 or 150 (G)
	Correct method to find the time taken (consistently in minutes or hours) for all three subjects or 1170 (min) or 19.5 (h)	M1dep	eg (in hours) 5 × 2 or 10 (M) 3.5 × 2 or 7 (E) 1.25 × 2 or 2.5 (G)
	19 hours 30 minutes	A1	
	Alternative method 3 – number of symbols		
	5 + 3.5 + 1.25 or 9.75	M1	oe
	their 9.75 × 4 or 39	M1dep	oe
	19 hours 30 minutes	A1	
	Additional Guidance		
	19 $\frac{1}{2}$ (hours) or 19.5 (hours) or 19.30		M1M1A0
	Mark using the Alt that gives the best mark		

Q3. (2023)

Q	Answer	Mark	Comments
7	(R =) 16 (days) or 4 (symbols) or (Sn =) 10 (days) or 2.5 (symbols) or (C =) 18 (days) or 4.5 (symbols) or (total =) 44 (days) or 11 (symbols) or evidence of addition with answer of 11 (symbols) or 55 ÷ 4 or 13.75 (symbols)	M1	
	55 – their 16 – their 10 – their 18 or 55 – 44 (= 11) or 2 values for Sun and Fog with a total of 11 or their 13.75 – 11 or 2.75	M1dep	oe at least one of 16, 10, 18 correct may be on diagram
	6 and 5 or Sun = 1 full and 1 half symbol or Fog = 1 full and 1 quarter symbol	A1	either order, may be on diagram
	Sun = 1 full and 1 half symbol and Fog = 1 full and 1 quarter symbol	A1ft	ft their 11 days (must be an odd number) where Sun is one more than Fog
	Additional Guidance		
	Mark intention for drawings, quarter and half symbol any orientation or angle. Must be attempt at correct size		
	11 with no working seen or their symbols totalling 11 quarters		M1M1