Q1. (2018)

10	$(x =)$ 3 and $(y =)$ 2 in correct positions	B2	B1 $y = \frac{24}{x}$ or $4 = \frac{k}{6}$ or $k = 24$ oe or $(x =)$ 3 in correct position above 8 or $(y =)$ 2 in correct position below 12
	Additional Guidance		
	$y = \frac{1}{kx}$ or $4 = \frac{1}{6k}$ oe followed by $k = \frac{1}{24}$, with no or incorrect values in table		B1

Q2. (2020)

Q	Answer	Mark	Comments
22(b)	÷ 2	B1	

Q3. (2022)

Q	Answer	Mark	Comment
14	15 × 8 or 120 or 60 (workers) for 2 (days)	M1	oe correct number of workers for any number of days except 8
	15 × 8 ÷ 6 or 20	M1dep	oe eg $15 \times \frac{8}{6}$ or $15 \div \frac{6}{8}$
	5	A1	ignore units
	Additional Guidance		
	Award M1 for correct working within multiple attempts		

Q4. (2023)

Q	Answer	Mark	Comments
20	**Alternative method 1 – finds K in terms of L and substitutes**		
	3K = 4L or K = L + 2M	M1	oe correct equation eg $K = \frac{4L}{3}$ or $L = \frac{3K}{4}$ may be implied by values on diagram
	$\frac{4L}{3}$ = L + 2M	M1dep	oe correct equation in L and M eg 4L = 3L + 6M
	6	A1	condone 6M (= L)
	Alternative method 2 – finds two variables in terms of the other variable		
	Finds one variable in terms of one other eg L is $\frac{3}{4}$ of K	M1	oe fractions, decimals, percentages or ratio eg $K : L = 1 : \frac{3}{4}$ may be implied by values on diagram
	Finds two variables in terms of the other eg L is $\frac{3}{4}$ of K and M is $\frac{1}{8}$ of K	M1dep	oe fractions, decimals, percentages or ratio eg $K : L : M = 1 : \frac{3}{4} : \frac{1}{8}$ may be implied by values on diagram
	6	A1	condone 6M (= L)
	Alternative method 3 – assumes a mass for one unknown		
	Assumes a mass for one unknown and works out the mass of one other	M1	eg K = 2 kg and L = 1.5 kg
	Assumes a mass for one unknown and works out the masses of the other two	M1dep	eg K = 2 kg and L = 1.5 kg and M = 0.25 kg
	6	A1	condone 6M (= L)
	Additional Guidance		
	Condone 1.33 or better for $\frac{4}{3}$, but 0.125 for $\frac{1}{8}$ must be correct		
	3K : 4L is not enough for M1		
	Ignore units		