Q1. (2018)

5	14 000 × 0.2 or 14 000 ÷ 10 × 2 or (10% =) 1400 or (1% =) 140	M1	oe eg 14 000 ÷ 5 $\frac{20}{100} \times 14000$
	2800	A1	oe eg 2800.00
	Additional Guidance		
	2800 followed by 14 000 – 2800 (implied by 11 200)		M1A0
	14 000 ÷ 10 = 4000 followed by 4000 × 2 = 6000 (fully correct method)		M1A0
	14 000 ÷ 10 = 4000 followed by 20% = 8000 (method not shown for 20% but it is correct for 2 × their 10%)		M1A0
	14 000 ÷ 10 = 4000 followed by 20% = 6000 (method not shown for 20%)		M0A0
	10% = 140, 140 × 2 = 280 (method not shown for 10%)		M0A0
	14 ÷ 5 or 2.8 (without place value adjustment)		M0A0

Q2. (2018)

19	33.3%	B1	
	Additional Guidance		

Q3. (2019)

22	**Alternative method 1**		
	$3 \div \frac{20}{100}$ or 3 × 5 or 15 or 3 × 6	M1	oe
	18	A1	
	Alternative method 2		
	$1.2x = x + 3$	M1	oe equation
	18	A1	
	Additional Guidance		
	Trial and improvement scores 0 or 2 unless M1 can be awarded for 15		
	15 seen scores M1		

Q4. (2023)

Q	Answer	Mark	Comments
5	24 ÷ 2 or 12 or 24 × 5 or 120 or 820 or 7 – 1.5(0) or 5.5(0)	M1	oe
	5 × 24 ÷ 2 or 60 or 2.1(0) or 210(p)	M1	oe implies M2
	7 – 1.5(0) + 5 × 24 ÷ 2 or 8.2(0) – 2.1(0) or 6.1 or 610	M1dep	oe full method to find total cost dep on M2
	6.10 or 610p	A1	SC3 65.5(0) or 6550(p) or 27.62 or 2762(p) or 7.9(0) or 790(p)
	Additional Guidance		
	SC3 65.5(0) from 60 + 5.50 working in mixed units		
	SC3 27.62 from 5 calculators and 1 pen		
	SC3 7.9(0) from doubling the cost of a pen instead of halving		
	Condone (£)6.10p		M1M1M1A1
	Allow mixed units for up to M3 eg 5.50 + 60		M1M1M1