Q1. (2019)

10	**Alternative method 1**		
	180 ÷ 3 or 60	M1	
	90 – their 60 or 30	M1dep	
	180 – 65 – their 30	M1dep	85 marked on *AED*
	85	A1	
	Alternative method 2		
	90 – 65 or 25	M1	
	180 – 2 × (90 – 65) or 2 × 65 or 180 – 2 × their 25 or 130	M1dep	
	(360 – (180 ÷ 3) – their 130) ÷ 2 or 170 ÷ 2	M1dep	85 marked on *AED*
	85	A1	
	Additional Guidance		
	Correct angles could be marked on diagram		
	85 on answer line with no working or angles marked on diagram		M1M1M1A1
	60, 30, 25 or 130 on answer line with no working and not marked correctly on diagram		M0
	On Alt 1, 60 with no working and incorrectly marked on diagram		M0

Q2. (2020)

Q	Answer	Mark	Comments
4	A and C	B1	

Q3. (2020)

Q	Answer	Mark	Comments
26	$\frac{16}{20}$ or $\frac{20}{16}$ or $\frac{12}{20}$ or $\frac{20}{12}$ or 12 : 9.6 or 9.6 : 12 or 16 : 9.6 or 9.6 : 16	M1	oe eg 16 ÷ 20 eg $\frac{4}{5}$ or $\frac{5}{4}$ or $\frac{3}{5}$ or $\frac{5}{3}$ eg 0.8 or 1.25 or 0.6 or 1.66… or 1.67
	9.6	A1	oe
	Additional Guidance		
	Award M1 work even if not subsequently used		
	Ignore further working in an attempt to round after answer 9.6 eg 9.6 in working with answer 10		M1A1
	12 × 20 ÷ 16		M1

Q4. (2021)

Q	Answer	Mark	Comments
24	**Alternative method 1**		
	$\frac{28}{35} = 0.8$ and $\frac{40}{50} = 0.8$ or $\frac{35}{28} = 1.25$ and $\frac{50}{40} = 1.25$ or $\frac{28}{40} = 0.7$ and $\frac{35}{50} = 0.7$ or $\frac{40}{28} = 1.42857\ldots$ and $\frac{50}{35} = 1.42857\ldots$	B1	oe decimal values must be the same, but may be correctly rounded or truncated
	Alternative method 2		
	$35 \times \frac{40}{50} = 28$ or $35 \div \frac{50}{40} = 28$ or $28 \times \frac{50}{40} = 35$ or $28 \div \frac{40}{50} = 35$ or $50 \times \frac{28}{35} = 40$ or $50 \div \frac{35}{28} = 40$ or $40 \times \frac{35}{28} = 50$ or $40 \div \frac{28}{35} = 50$	B1	oe calculation including all four values eg $\frac{35 \times 40}{50} = 28$

	Additional Guidance	
24 cont	Calculations must be shown	
	Accept decimal truncation but truncated values must be the same eg $\frac{40}{28} = 1.42$ and $\frac{50}{35} = 1.42$	B1
	$\frac{28}{35} = \frac{40}{50}$ and $28 \times 50 = 35 \times 40$ and $1400 = 1400$ or $\frac{28}{35} = \frac{40}{50}$ and $28 \times 50 = 1400$ and $35 \times 40 = 1400$	B1
	$28 \times 1.25 = 35$ and $40 \times 1.25 = 50$ (oe ALT1)	B1
	$28 \times 1.25 = 35$ and $\frac{50}{40} = 1.25$	B1
	$28 \times 1.25 = 35$	B0
	Answers as fractions without a common denominator eg $\frac{28}{35} = \frac{40}{50}$	B0
	$\frac{28}{40} = 1.4$ and $\frac{50}{35} = 1.4$	B0
	$\frac{28}{7} = \frac{40}{10} = 4$ and $\frac{35}{7} = \frac{50}{10} = 5$	B0