

Q1. (2019)

1	reflex	B1	
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Q2. (2021)

Q	Answer	Mark	Comments
21	b	B1	

Q3. (2023)

Q	Answer	Mark	Comments
17	Alternative method 1 – numerical		
	1 and 5 and 3 or 9 (parts) or numbers in the ratio 1 : 5 : 3 or (angle sum on a straight line $\Rightarrow$) 180	M1	oe may be seen in a ratio eg $\frac{1}{5} : 1 : \frac{3}{5}$ or $\frac{1}{3} : \frac{5}{3} : 1$ numbers can be in any order eg 30, 10, 50
	$180 \div (1 + 5 + 3)$ or 20 or $180 \div \frac{9}{5}$	M1dep	oe
	100	A1	
	Alternative method 2 – algebraic		
	x and $5x$ and $3x$ or $9x$ or (angle sum on a straight line $\Rightarrow$) 180	M1	oe correct terms with any angle as x any letter, any order may be seen on diagram
	Correct equation with correct method to solve for one angle	M1dep	eg $x + 5x + 3x = 180$ and $180 \div (1 + 5 + 3)$
	100	A1	
	Additional Guidance		
	$x + 5x + 3x = 360$ or $360 \div 9$		M1M0A0
	$\frac{1}{5}x + x + \frac{3}{5}x = 180$ and $180 \div \left(\frac{1}{5} + 1 + \frac{3}{5}\right)$		M1M1
	$\frac{1}{3}x + \frac{5}{3}x + x = 180$ and $180 \div \left(\frac{1}{3} + \frac{5}{3} + 1\right)$		M1M1
	Angle EBD marked as 100 on the diagram with answer line blank		M1M1A1
	20 and 100 in working with no or incorrect answer chosen		M1M1A0

Q4. (2024)

Q	Answer	Mark	Comments
18	$\frac{1}{2} \times 20 \times 6.3$	M1	oe
	63	A1	
	Additional Guidance		
	Ignore units		