

Q1. (2022)

Q	Answer	Mark	Comments
4	22 – 4 or 18 or $22 \div 2$ or 11 or $4 \div 2$ or 2	M1	oe
	their $18 \div 2$ or their $11 - \text{their } 2$	M1dep	oe
	9	A1	may be seen on diagram SC1 20 or 14
	Additional Guidance		
	Ignore units or incorrect statements eg the lines are parallel		
	Condone poor notation eg $22 - 4 \div 2 = 9$		M1M1A1
	Embedded answer of 9		M1M1A0

Q2. (2022)

Q	Answer	Mark	Comments
	$\frac{1}{3}$	B2	B1 (may be seen in diagram) 120 or 100 or 0.4(0) may be seen in a fraction eg $\frac{120}{40}$ or $\frac{0.4}{1.2}$ or correct, but unsimplified fraction eg $\frac{20}{60}$ or their fraction written in simplest form SC1 1 : 3
Additional Guidance			
Ignore units on answer line			
Do not ignore further work after $\frac{1}{3}$ seen			
10(a)	If converting to mm both values must be correct		
	$\frac{1}{3}$ given as a decimal or percentage must be correct to 2sf or better		B1
	B1 for simplifying their fraction can only be awarded from the use of digits 1, 12 and 4, eg $\frac{40}{1200}$, answer $\frac{1}{30}$ $\frac{1200}{40}$, answer 30 $\frac{40}{1200}$, answer $\frac{1}{3}$ $\frac{2}{4}$, answer $\frac{1}{2}$		B1 B1 B0 B0
	$\frac{0.04}{1.2}$, answer $\frac{1}{30}$		B1
	$\frac{1}{40}$ or $\frac{40}{1} = 40$		B0

Q3. (2022)

Q	Answer	Mark	Comments
10(b)	180 – 112 or 68 or $3y + y + 112 = 180$	M1	oe
	their $68 \div (3 + 1)$ or their $68 \div 4$ or $y = \frac{\text{their } 68}{4}$ or 51 or $x = 17$	M1	oe their 68 must be < 180 but not 112 51 or $x = 17$ imply M1M1
	17	A1	
	Additional Guidance		
	Check diagram for workings and answer		
	17 seen in diagram or working and 51 on answer line		M1M1A0
	$180 \div 4$		M0M0
	$68 \div 3$		M1M0
	$180 - 112 = 78$ and $78 \div 4$ $78 \div 4$		M1M1 M0M1
	Embedded answer eg $4 \times 17 + 112 = 180$		M1M1A0