

Q1. (2017)

10	Rectangle: 4	B1	
	Triangle: $0.5 \times ? \times 16 = 24$ or $(2 \times) 24 \div 16$ or $(2 \times) 1.5$ or 2×24 or 48	M1	oe
	3	A1	
	Additional Guidance		
	Ignore any units given		

Q2. (2017)

13(b)	Valid reason for the area of the circle or the square around the circle	B1	
	Additional Guidance		
	The area of the circle stated to be [4.5, 6.2] without incorrect working		B1
	Area of circle of radius 1.5 (cm) is 7(.06...) or 7.07 or 7.1		B1
	The square around it is only 9 cm ² or 9 squares or 3 × 3 square		B1
	There aren't 9 squares in the circle		B1
	The circle fits into a 9 cm ² square or 9 squares or 3 × 3 square		B1
	It only covers about [4.5, 6.2] squares		B1
	Circle does not (completely) cover nine separate boxes		B1
	There is one whole square and 8 part squares in the circle		B1
	Because all of the space for 9 is not used up		B1
	Calculate radius = 1.6(9...) (cm) or 1.7 (cm) from area of circle 9 (cm ²) and states radius of circle drawn is smaller		B1
	She uses 9 squares that are half in and half out of the circle, she needed to work it out only using the squares inside the circle		B0
	Does not fill up the whole square (no reference to 9)		B0
	Because the radius is not big enough for it to be 9		B0

Q3. (2018)

14	$0.5 \times 9 \times 5.6$	M1	oe
	25.2	A1	
	Additional Guidance		
	25 on answer line with 25.2 in working		M1A1
	25 on answer line with no or incorrect working		M0

Q4. (2021)

Q	Answer	Mark	Comments
13(a)	$0.5 \times 2.6 \times 9.8$	M1	oe eg 1.3×9.8 or 2.6×4.9
	12.7(4)	A1	
	Additional Guidance		
	Accept 13 with M1 awarded		M1A1

Q5. (2021)

Q	Answer	Mark	Comments
13(b)	$\pi \times 11.5^2$	M1	oe accept [3.14, 3.142] for π
	[415, 416] or $\frac{529}{4} \pi$ or 132.25π	A1	oe
	Additional Guidance		
	Accept $\frac{529}{4} \times \pi$ or $132.25 \times \pi$ or $\pi \times \frac{529}{4}$ or $\pi \times 132.25$		M1A1
	Condone $\pi \frac{529}{4}$ or $\pi 132.25$		M1A1

Q6. (2023)

Q	Answer	Mark	Comments
16	$12 \times 16 \div 2$ or 96	M1	oe
	their $96 \div 7.5$	M1dep	
	12.8	A1	SC1 25.6 or 6.4
	Additional Guidance		
	Up to M2 may be awarded for correct work, with no answer or incorrect answer, even if this is seen amongst multiple attempts		
	$12.8 \times 7.5 = 96$, 96 on answer line		M1M1A0