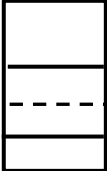


# Plans and Elevations

## November 2023 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
19	7 cm by 8 cm rectangle drawn	M1 M1 C1	for interpreting the front elevation, eg length = 8 <b>or</b> height = 4  For beginning to draw plan, eg. rectangle drawn with one side length of 8 cm or one of 7cm  <b>or</b> for interpreting front elevation to find missing dimension eg $(224 \div "8") \div "4" (= 7)$  for correct plan drawn	May be seen on diagram or in part of a calculation        May be drawn in any orientation

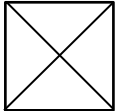
November 2022 Paper 2

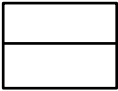
Question	Answer	Mark	Mark scheme	Additional guidance
19	Elevation	B2  (B1	fully correct side elevation 5 high and 3 wide  for a rectangle 5 high and 3 wide or correct side elevation in the wrong orientation)	

June 2022 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
22	$45\pi$	P1  P1  A1	for (area of circle $\Rightarrow$ ) $\pi \times 3^2$  for (volume $\Rightarrow$ ) [area of circle] $\times 5$  cao	$[\text{area of circle}] \times 5 = \pi \times 3^2 \times 5$ or $\pi \times 6^2 \times 5$ or $\pi \times r^2 \times 5$

June 2020 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
22		<p>M1</p> <p>A1</p>	<p>for square, side 6 cm or complete plan with incorrect scale</p> <p>cao</p>	<p>Do not award if the 6 cm square is included with a triangle attached externally (eg elevation)</p>

Question	Answer	Mark	Mark scheme	Additional guidance
24 (a)	Explanation	C1	<p>for explanation</p> <p><b>Acceptable examples</b>                      The height of the rectangle / it should be less than 4 cm                      The 4 cm sides are wrong / too long                      The height of the rectangle should be <math>2.6\dots / \sqrt{7}</math>                      She's drawn the slanted height / not used the perpendicular height                      The height is smaller / not 4cm / wrong                      It should be shorter as the side is at an angle                      It should be on an angle, so the height is smaller                      The length / width / side is 4cm not the height                      She's drawn the face / the length and side / width of the rectangle                      She's drawn the length and side / width not the (length and the) height</p> <p><b>Not acceptable examples</b>                      The rectangle should be wider                      The rectangle should be 6 squares high                      It doesn't tell us the height                      It should be smaller                      It's the front not the side                      It's not on a slant / it should be on a slant                      It goes up at an angle / it doesn't go straight up                      The length of the prism is 4 cm                      The length / width / side of the rectangle is 4 cm                      Side elevation is at a slant (not straight up)</p>	
(b)		M1  A1	<p>for a 7 cm by 6 cm rectangle  <b>or</b>                      for a 7 cm by <math>n</math> cm or <math>m</math> cm by 6 cm rectangle <b>and</b> dividing line which is parallel to the 7 cm or the <math>m</math> cm side</p> <p>for a fully correct plan</p>	<p>Accept any orientation                      Accept freehand drawing</p>