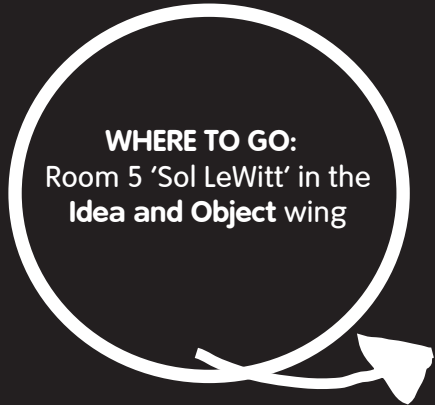


MATHS WORKSHEET: Sol Lewitt

Six Geometric Figures

Secondary: Key Stages 3 & 4

$$35 \div 25 = 1.4$$

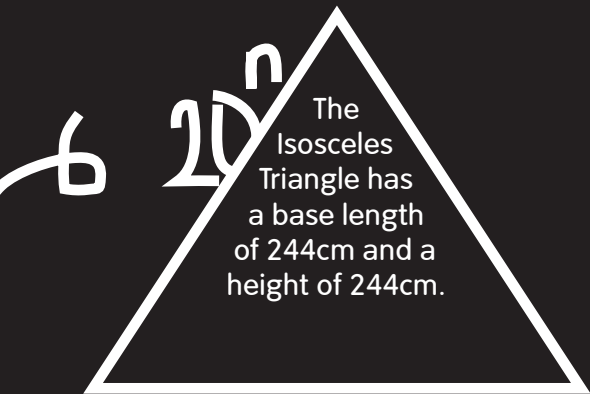


WHERE TO GO:
Room 5 'Sol LeWitt' in the
Idea and Object wing

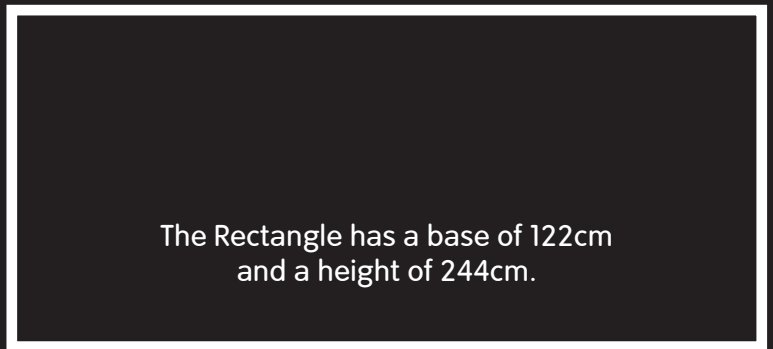
WHAT TO DO

Calculate the areas of the six shapes Sol Le Witt has constructed on the walls

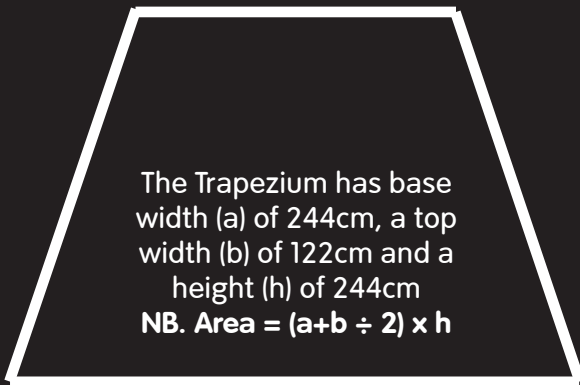
NB. The Circle requires some high level mathematics



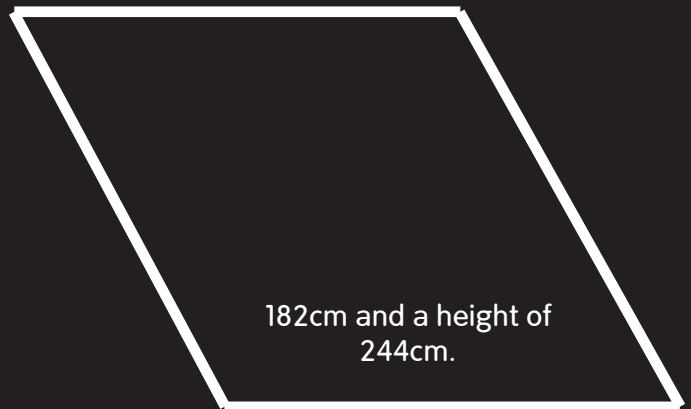
The Isosceles Triangle has a base length of 244cm and a height of 244cm.



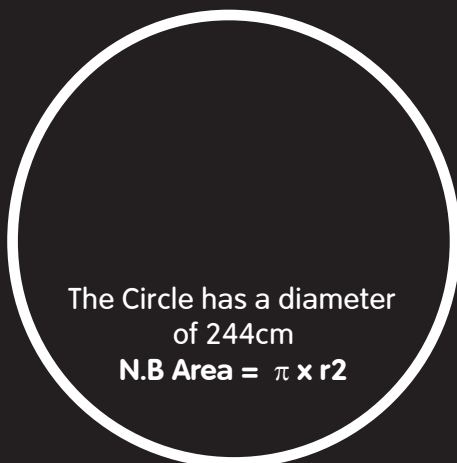
The Rectangle has a base of 122cm and a height of 244cm.



The Trapezium has base width (a) of 244cm, a top width (b) of 122cm and a height (h) of 244cm
NB. Area = $(a+b \div 2) \times h$



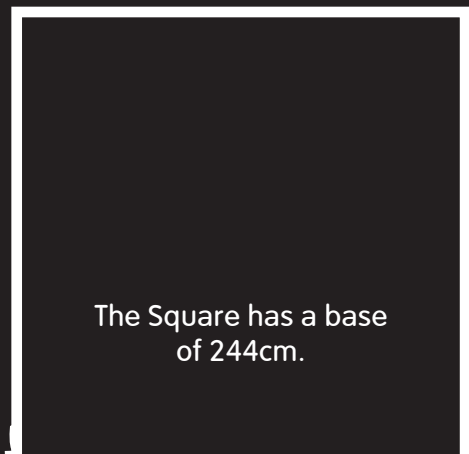
182cm and a height of 244cm.



The Circle has a diameter of 244cm
N.B Area = $\pi \times r^2$

$$\pi \times \sqrt{4}^2$$

$$= \sqrt{4} \times 43 \dots$$



The Square has a base of 244cm.