

# Maths

Measurement

Maths | Year 5 | Measurement | Calculating Area | Lesson 2 of 3 | Comparing Area Using Standard Units



## Aim

• I can calculate and compare the area of shapes using standard units.

## Success Criteria

- I can multiply length by width to calculate the area of a rectangle or square.
- I can calculate and compare the area of rectangles and squares using square metres (m<sup>2</sup>).
- I can calculate and compare the area of rectangles and squares using square centimetres (cm<sup>2</sup>).

## Odd One Out

Each of these shapes, except one, has a matching answer. Which shape is the one without an answer?



## **Comparing Area**



In pairs, play the **Comparing Area Card Game**.



The player with the shape with the greatest area keeps the pair. If the areas are the same, then players keep their own

card.

When all cards have been used, the player with the greatest number of cards is the winner.

#### Greater Than or Lesser Than?



Calculate the area of both shapes and choose which sign should go in between to correctly compare the areas: <, > or =.



### Greater Than or Lesser Than?



Extra Challenge:

Which shape should you choose to complete this inequality?



## Order, Order!



Calculate the area of these shapes, then order them from the smallest area to the largest. The shapes are not all drawn to the same scale.



#### Comparing Areas of Squares and Rectangles



Use your marvellous measurement skills to complete this activity sheet.



# Comparing and Converting

Calculate the area of these shapes, then compare the areas. The shapes are not all drawn to the same scale.



# Comparing and Converting

Convert the units of measurement of either shape to help you calculate the shape's area and find which shape has the greater area.



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