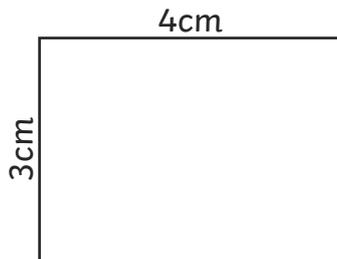


# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes

I can calculate and compare the area of rectangles, squares and irregular shapes.

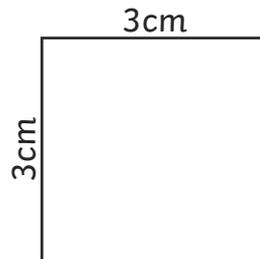
1) Calculate the area of these shapes.

a)



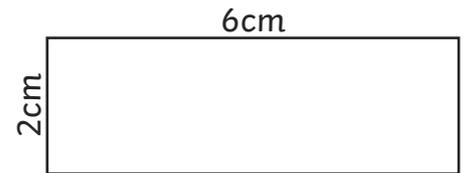
Area = \_\_\_\_  $\text{cm}^2$

b)



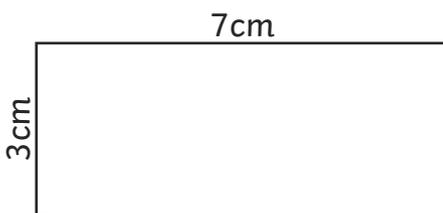
Area = \_\_\_\_  $\text{cm}^2$

c)



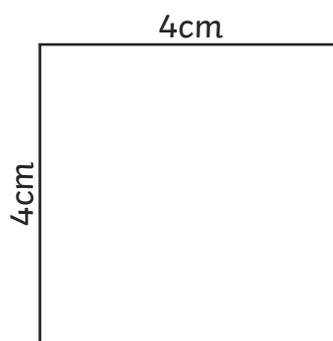
Area = \_\_\_\_  $\text{cm}^2$

d)



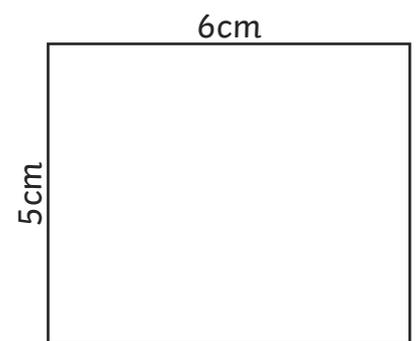
Area = \_\_\_\_  $\text{cm}^2$

e)



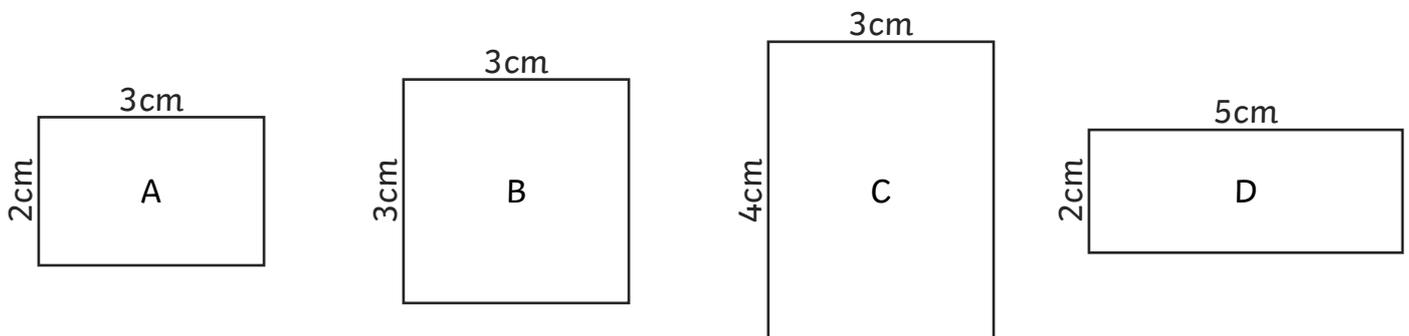
Area = \_\_\_\_  $\text{cm}^2$

f)



Area = \_\_\_\_  $\text{cm}^2$

2) Order each set of rectangles by area, from smallest to largest.

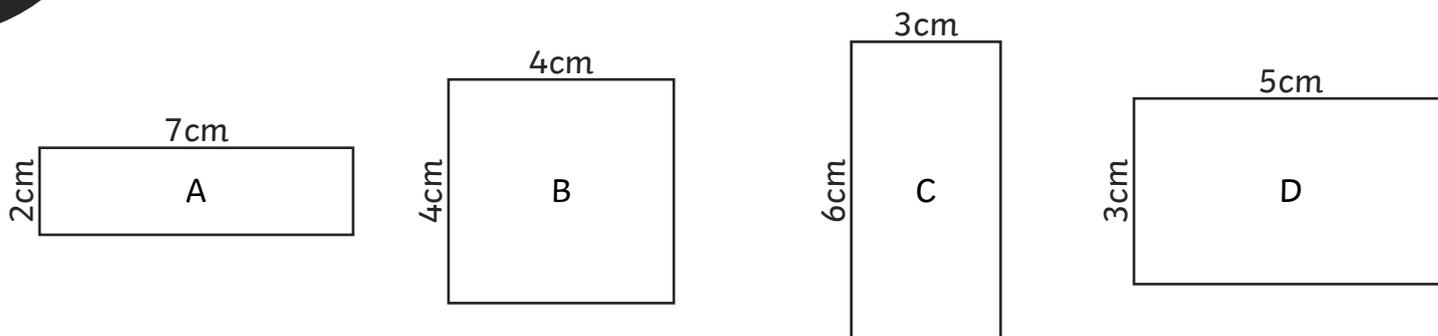


Smallest	←—————→			Largest

# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes

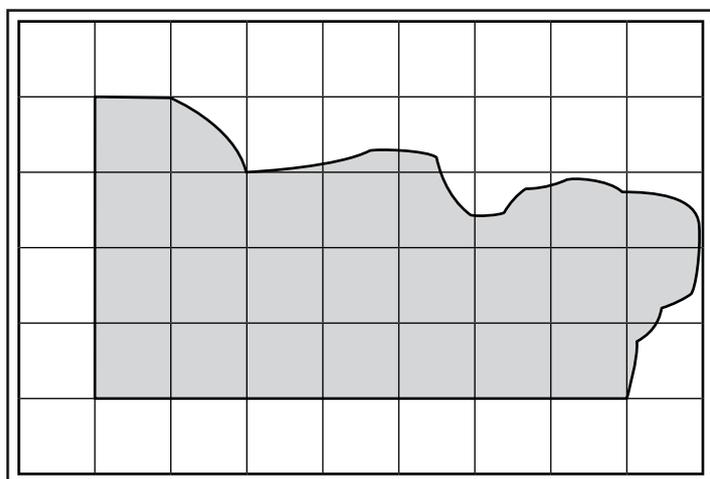


3) Order each set of rectangles by area, from smallest to largest.



<b>Smallest</b>	$\longleftrightarrow$	<b>Largest</b>

4) Estimate the area of this shape in  $\text{cm}^2$ .



Area = \_\_\_\_\_  $\text{cm}^2$





# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes **Answers**

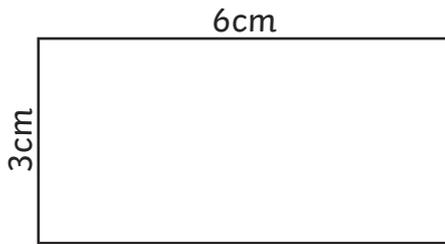
Question	Answer
1.	Calculate the area of these shapes.
a	Area = <b>12</b> cm <sup>2</sup>
b	Area = <b>9</b> cm <sup>2</sup>
c	Area = <b>12</b> cm <sup>2</sup>
d	Area = <b>21</b> cm <sup>2</sup>
e	Area = <b>16</b> cm <sup>2</sup>
f	Area = <b>30</b> cm <sup>2</sup>
2.	Order each set of rectangles by area, from smallest to largest.
	<b>A, B, D, C</b>
3.	Order each set of rectangles by area, from smallest to largest.
	<b>A, D, B, C</b>
4.	Estimate the area of this shape in cm <sup>2</sup> .
	Area = <b>25</b> cm <sup>2</sup>

# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes

I can calculate and compare the area of rectangles, squares and irregular shapes.

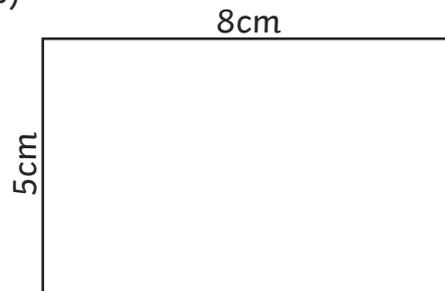
1) Calculate the area of these shapes.

a)



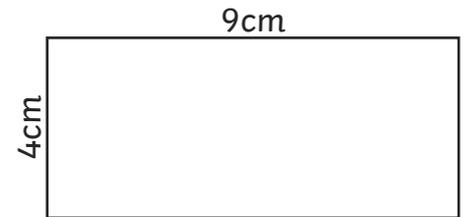
Area = \_\_\_\_  $\text{cm}^2$

b)



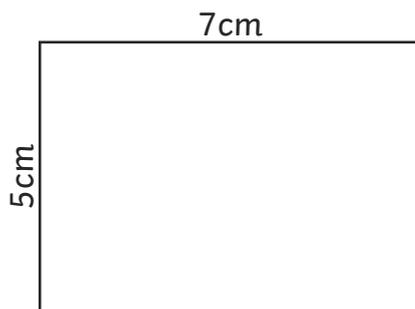
Area = \_\_\_\_  $\text{cm}^2$

c)



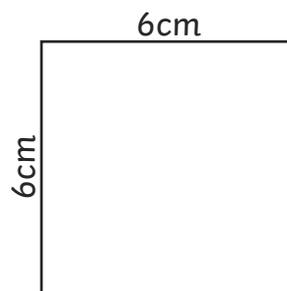
Area = \_\_\_\_  $\text{cm}^2$

d)



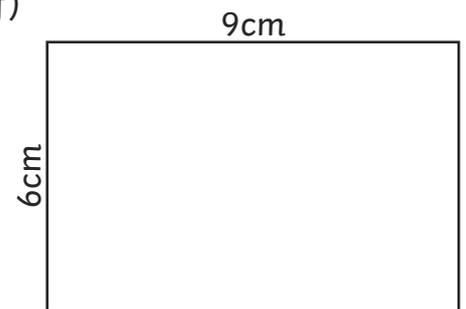
Area = \_\_\_\_  $\text{cm}^2$

e)



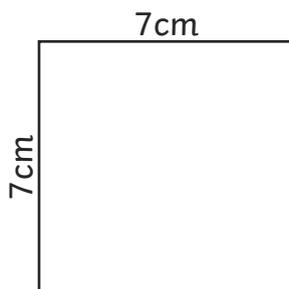
Area = \_\_\_\_  $\text{cm}^2$

f)



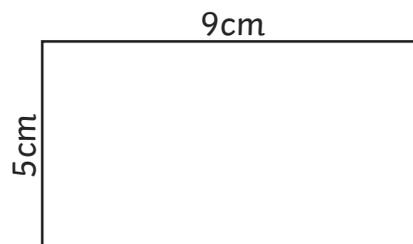
Area = \_\_\_\_  $\text{cm}^2$

g)



Area = \_\_\_\_  $\text{cm}^2$

h)



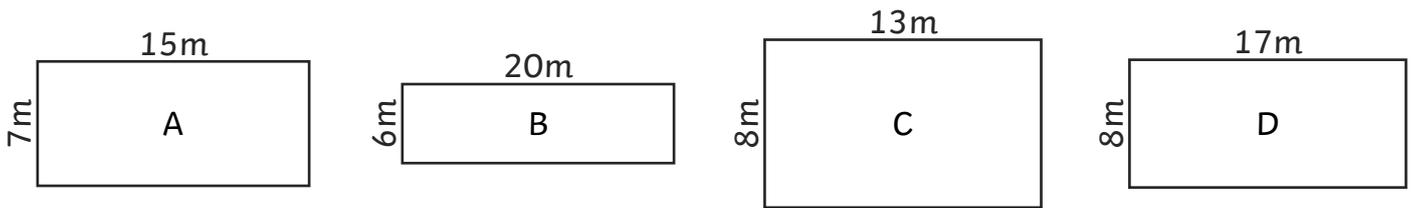
Area = \_\_\_\_  $\text{cm}^2$





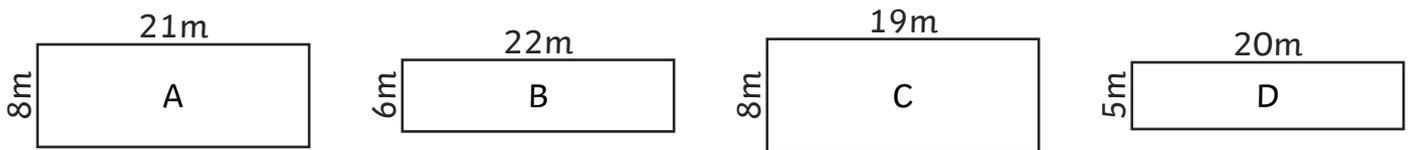
# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes

2) Order each set of rectangles by area, from smallest to largest.



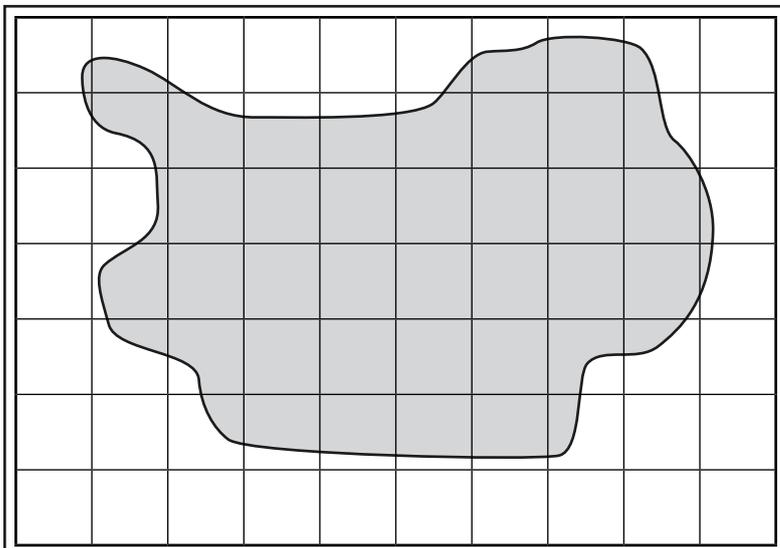
Smallest		Largest	

3) Order each set of rectangles by area, from smallest to largest.



Smallest		Largest	

4) Estimate the area of this shape in  $\text{cm}^2$ .



Area = \_\_\_\_\_  $\text{cm}^2$



# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes **Answers**

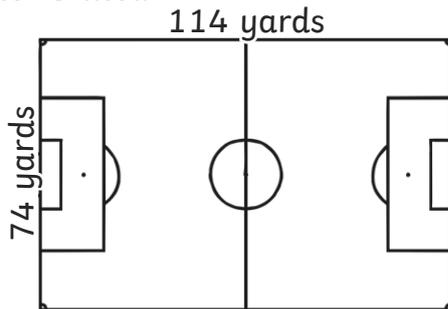
Question	Answer
1.	Calculate the area of these shapes.
a	Area = <b>18</b> cm <sup>2</sup>
b	Area = <b>40</b> cm <sup>2</sup>
c	Area = <b>36</b> cm <sup>2</sup>
d	Area = <b>35</b> cm <sup>2</sup>
e	Area = <b>36</b> cm <sup>2</sup>
f	Area = <b>54</b> cm <sup>2</sup>
g	Area = <b>49</b> cm <sup>2</sup>
h	Area = <b>45</b> cm <sup>2</sup>
2.	Order each set of rectangles by area, from smallest to largest.
	<b>C, A, B, D</b>
3.	Order each set of rectangles by area, from smallest to largest.
	<b>D, B, C, A</b>
4.	Estimate the area of this shape in cm <sup>2</sup> .
	Area = <b>35</b> cm <sup>2</sup> (accept <b>34</b> cm <sup>2</sup> or <b>36</b> cm <sup>2</sup> )

# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes

I can calculate and compare the area of rectangles, squares and irregular shapes.

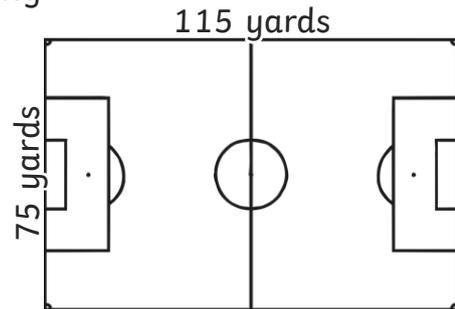
- 1) Here are the sizes of the pitches of six football clubs. Calculate the area of each pitch in square yards and write them in order from smallest (1) to largest (6).  
We write square yards as  $\text{yd}^2$ .

Manchester United



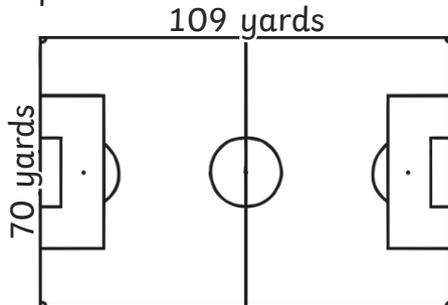
Area = \_\_\_\_\_  $\text{yd}^2$       Order = \_\_\_\_\_

Bristol City



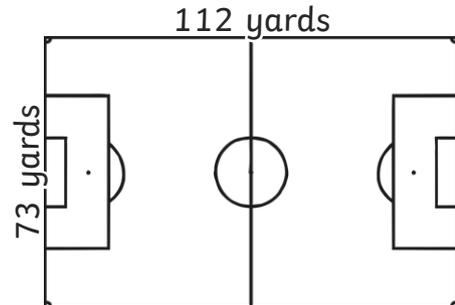
Area = \_\_\_\_\_  $\text{yd}^2$       Order = \_\_\_\_\_

Wolverhampton Wanderers



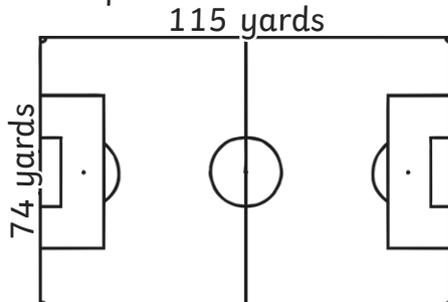
Area = \_\_\_\_\_  $\text{yd}^2$       Order = \_\_\_\_\_

Chelsea



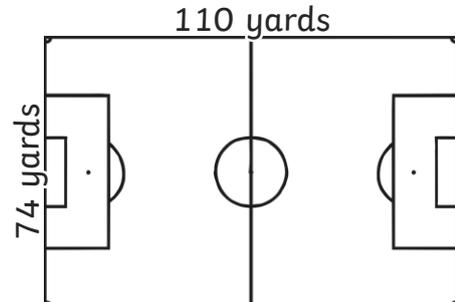
Area = \_\_\_\_\_  $\text{yd}^2$       Order = \_\_\_\_\_

Tottenham Hotspur



Area = \_\_\_\_\_  $\text{yd}^2$       Order = \_\_\_\_\_

Everton



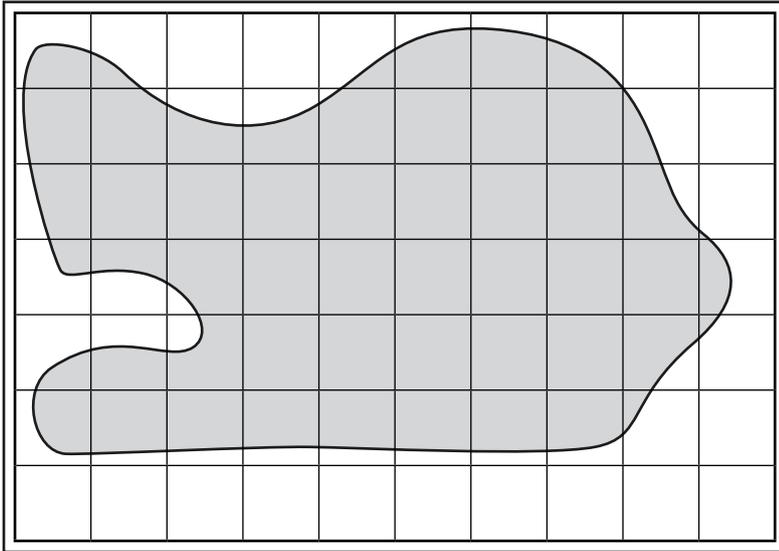
Area = \_\_\_\_\_  $\text{yd}^2$       Order = \_\_\_\_\_



# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes

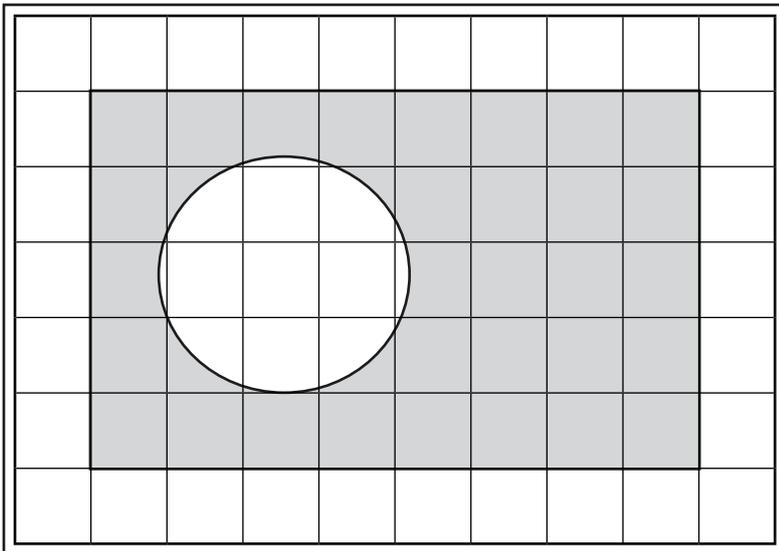
2) Estimate the area of these shapes in  $\text{cm}^2$ .

a)

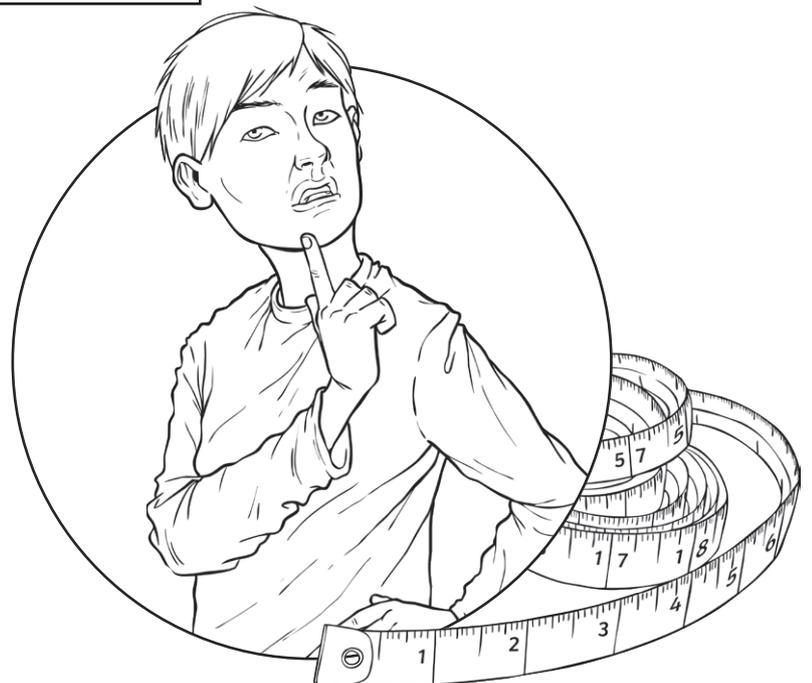


Area = \_\_\_\_\_  $\text{cm}^2$

b)



Area = \_\_\_\_\_  $\text{cm}^2$





# Calculate and Compare the Area of Rectangles, Squares and Irregular Shapes **Answers**

Question	Answer
1.	Here are the sizes of the pitches of six football clubs. Calculate the area of each pitch in square yards and write them in order from smallest (1) to largest (6). We write square yards as $\text{yd}^2$ .
	Manchester United = $8436\text{yd}^2$ Order = <b>4</b>
	Bristol City = $8625\text{yd}^2$ Order = <b>6</b>
	Wolverhampton Wanderers = $7630\text{yd}^2$ Order = <b>1</b>
	Chelsea = $8176\text{yd}^2$ Order = <b>3</b>
	Tottenham Hotspur = $8510\text{yd}^2$ Order = <b>5</b>
	Everton = $8140\text{yd}^2$ Order = <b>2</b>
2.	Estimate the area of these shapes in $\text{cm}^2$ .
a	Area = $43\text{cm}^2$ (accept $42\text{cm}^2$ or $44\text{cm}^2$ )
b	Area = $31\text{cm}^2$ (accept $30\text{cm}^2$ or $32\text{cm}^2$ )