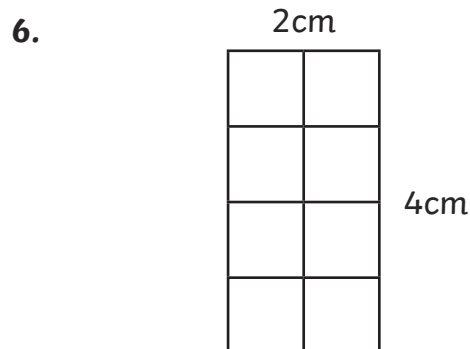
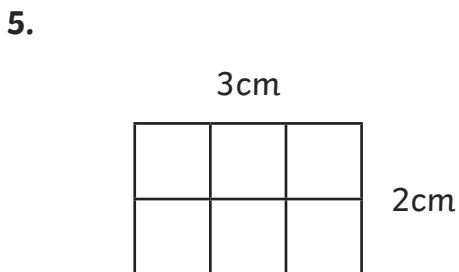
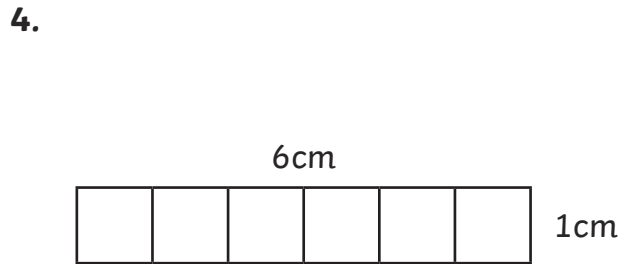
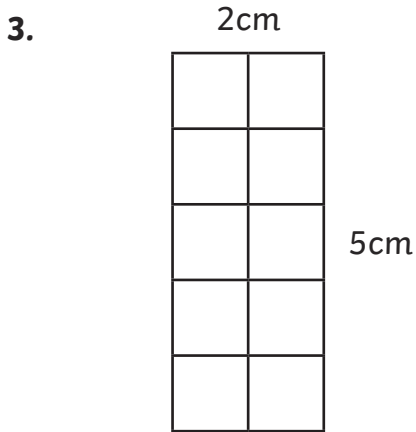
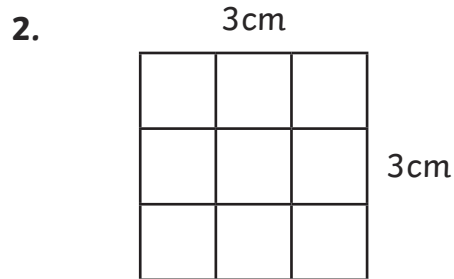
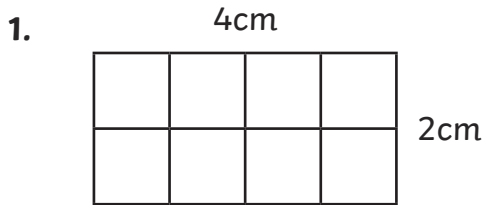


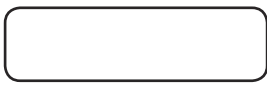
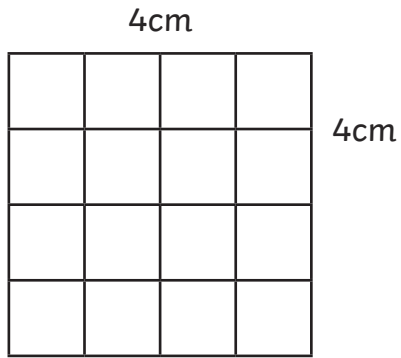
Calculate and Compare the Area of Rectangles

Aim: I can calculate the area of rectangles.

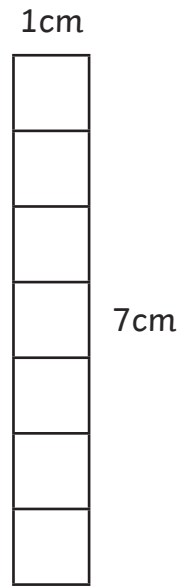
Calculate the area of the following rectangles.



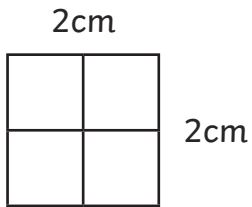
7.



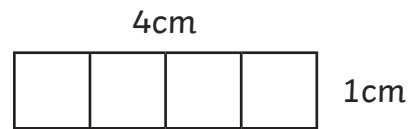
8.



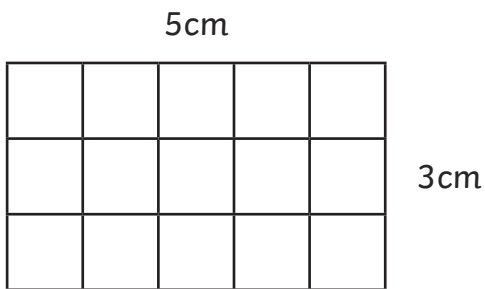
9.



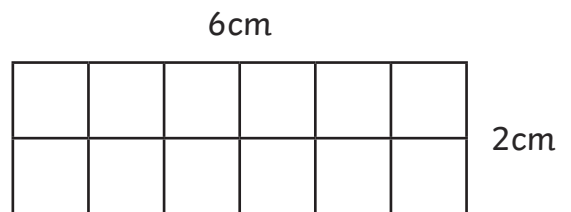
10.



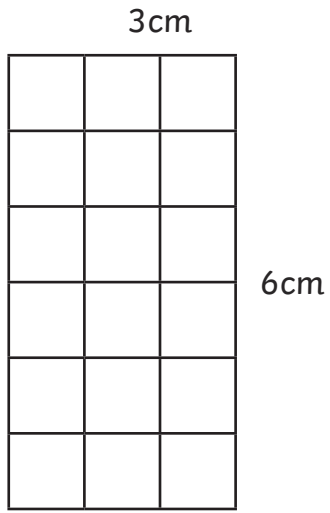
11.



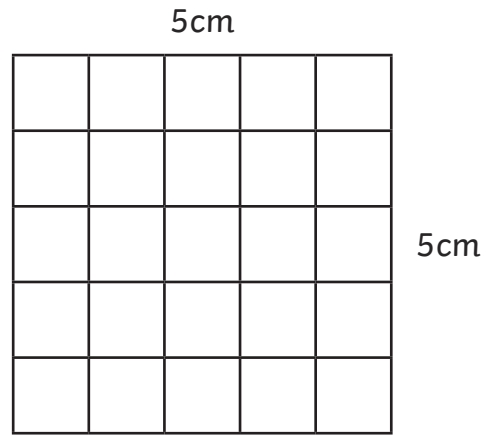
12.



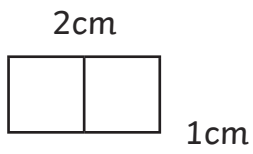
13.



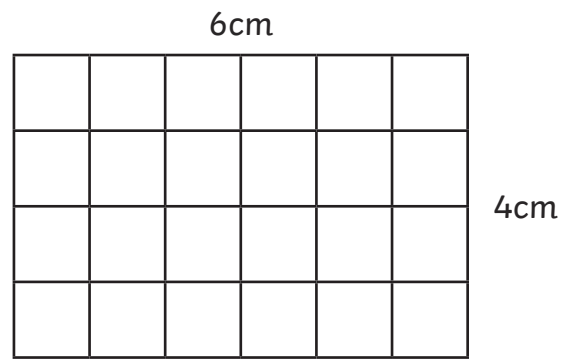
14.



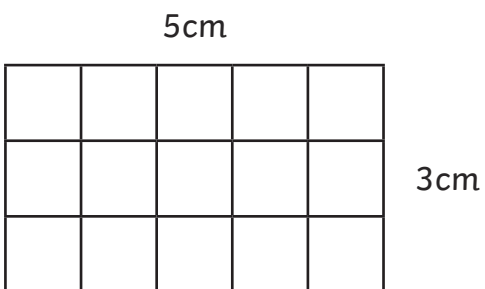
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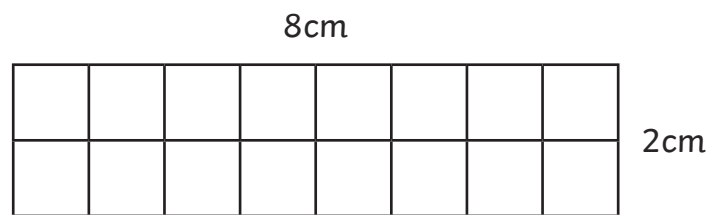
16.



17.



18.



19.

9cm

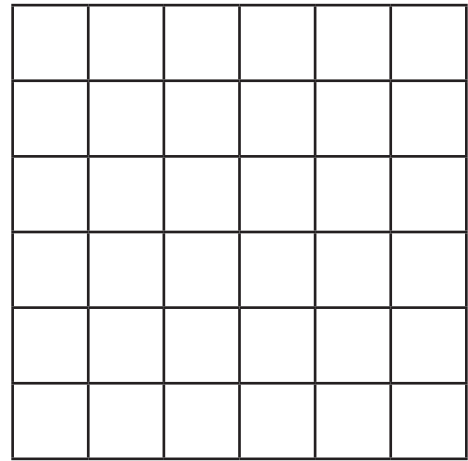


1cm



20.

6cm



6cm

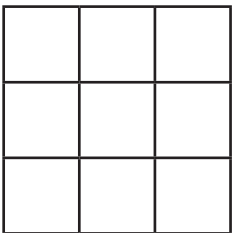


For each set of rectangles, order the rectangles from smallest area to largest area.

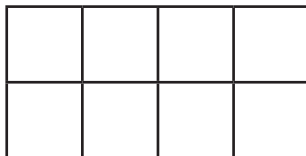
Each square is $1\text{cm} \times 1\text{cm}$.

21.

a



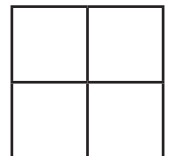
b



c



d

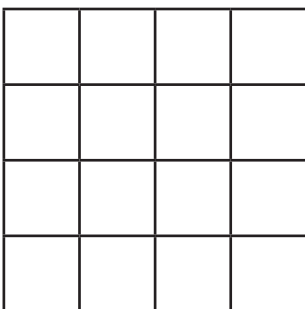


_____ smallest

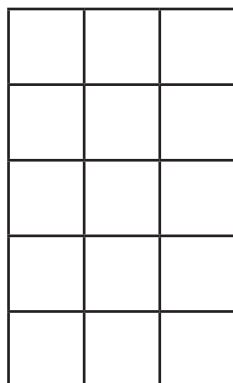
_____ largest

22.

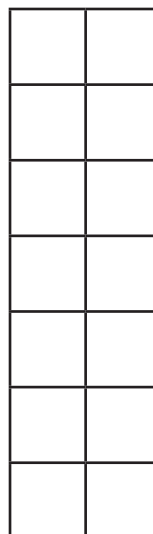
a



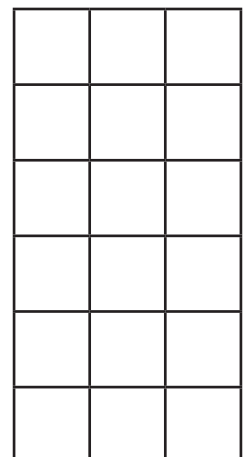
b



c

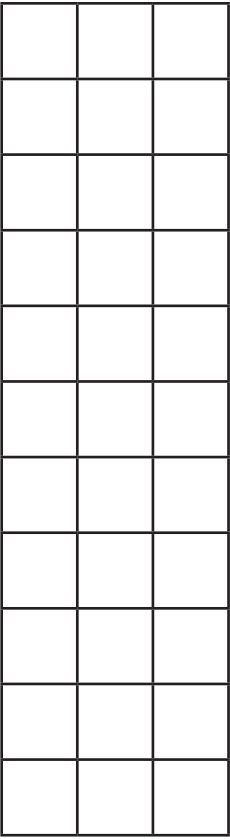


d

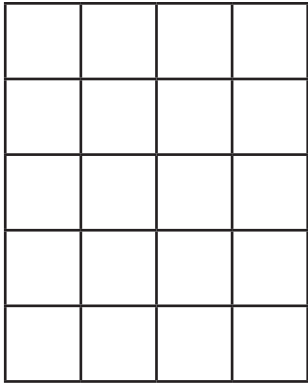


23.

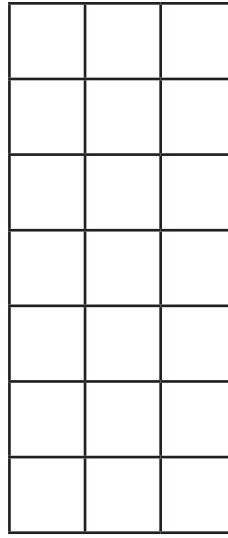
a



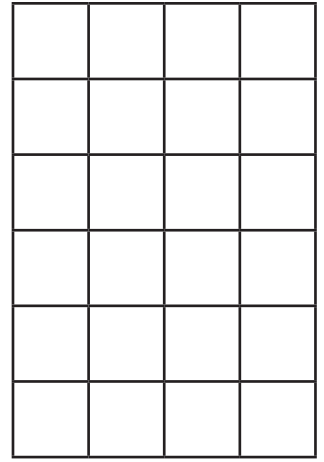
b



c



d

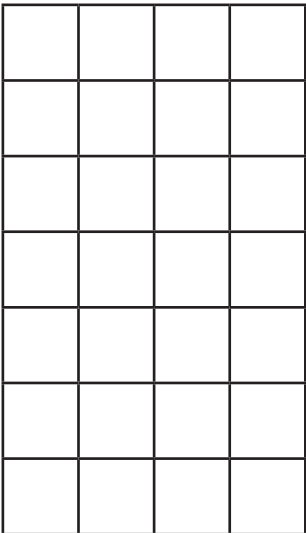


_____ _____ _____ _____

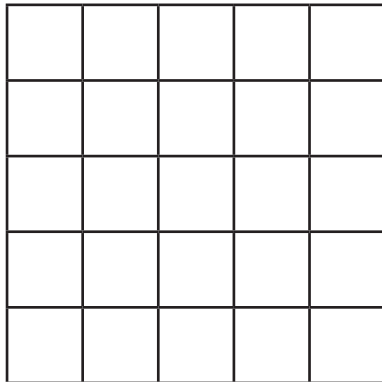
smallest largest

24.

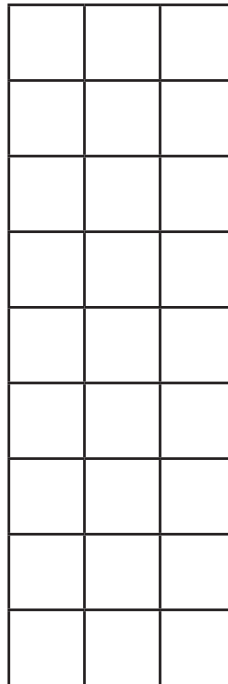
a



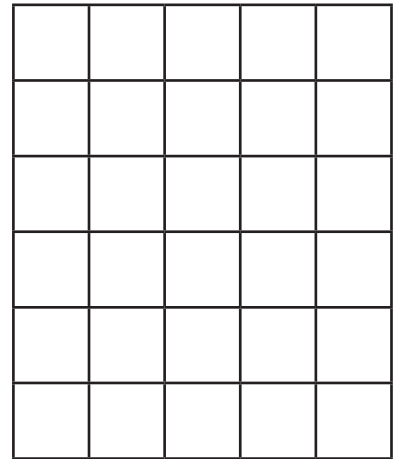
b



c



d



_____ _____ _____ _____

smallest largest

Calculate and Compare the Area of Rectangles **Answers**

1. $4 \times 2 = 8\text{cm}^2$

2. $3 \times 3 = 9\text{cm}^2$

3. $2 \times 5 = 10\text{cm}^2$

4. $6 \times 1 = 6\text{cm}^2$

5. $3 \times 2 = 6\text{cm}^2$

6. $2 \times 4 = 8\text{cm}^2$

7. $4 \times 4 = 16\text{cm}^2$

8. $1 \times 7 = 7\text{cm}^2$

9. $2 \times 2 = 4\text{cm}^2$

10. $4 \times 1 = 4\text{cm}^2$

11. $5 \times 3 = 15\text{cm}^2$

12. $6 \times 2 = 12\text{cm}^2$

13. $3 \times 6 = 18\text{cm}^2$

14. $5 \times 5 = 25\text{cm}^2$

15. $2 \times 1 = 2\text{cm}^2$

16. $6 \times 4 = 24\text{cm}^2$

17. $5 \times 3 = 15\text{cm}^2$

18. $8 \times 2 = 16\text{cm}^2$

19. $9 \times 1 = 9\text{cm}^2$

20. $6 \times 6 = 36\text{cm}^2$

21. D, C, B, A

22. C, B, A, D

23. B, C, D, A

24. B, C, A, D

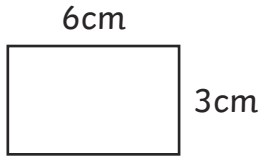
Calculate and Compare the Area of Rectangles

Aim: I can calculate the area of rectangles.

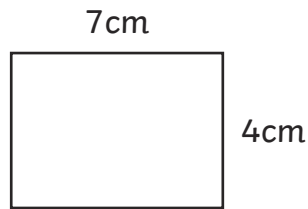
Calculate the area of the following rectangles.

The shapes are not to scale.

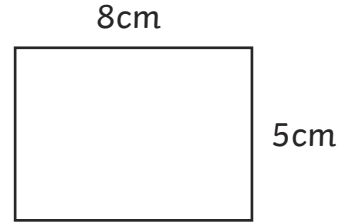
1.



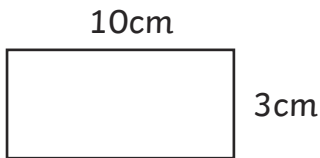
2.



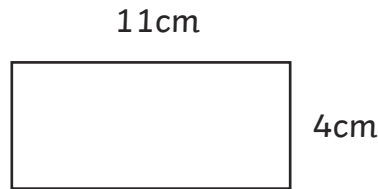
3.



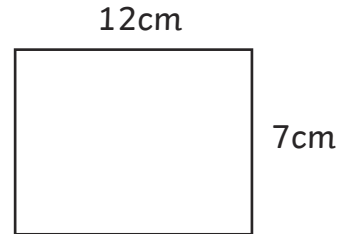
4.



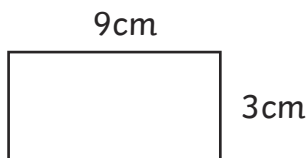
5.



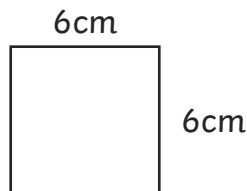
6.



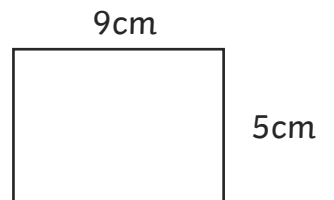
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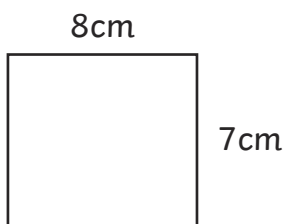
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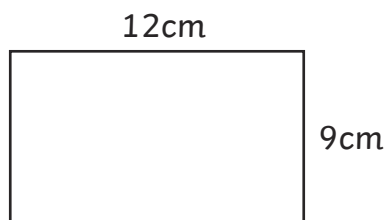
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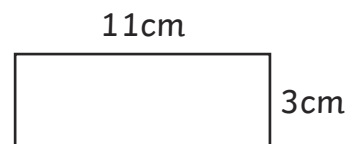
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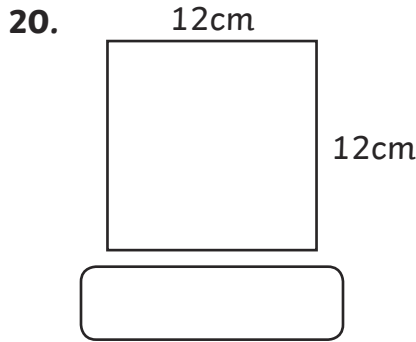
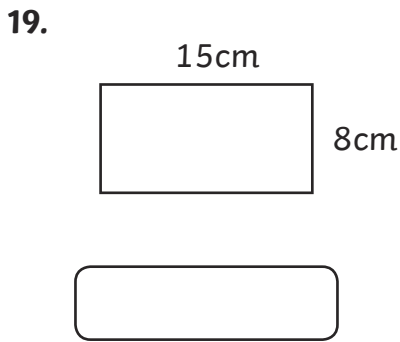
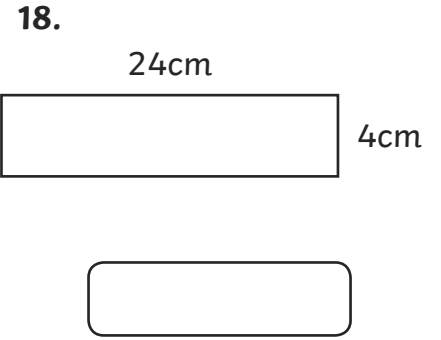
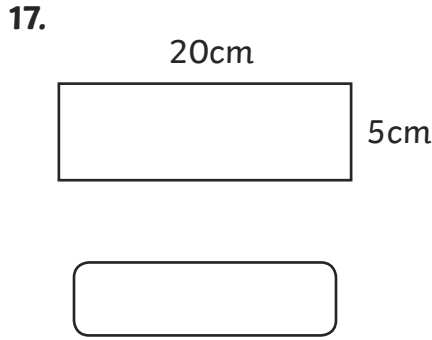
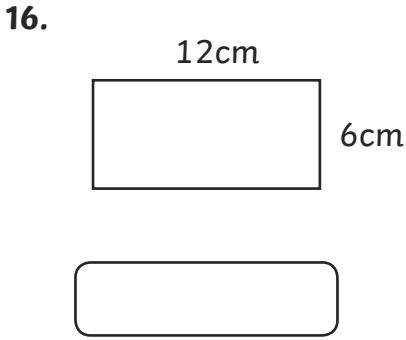
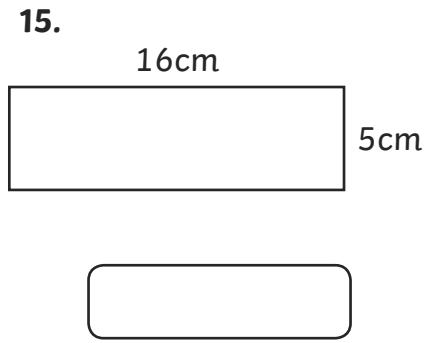
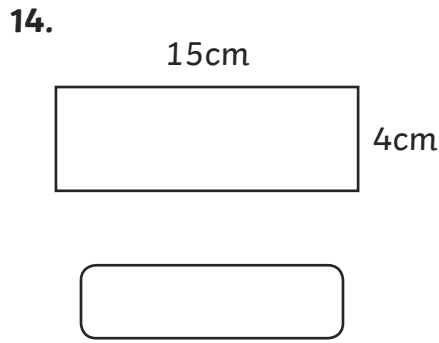
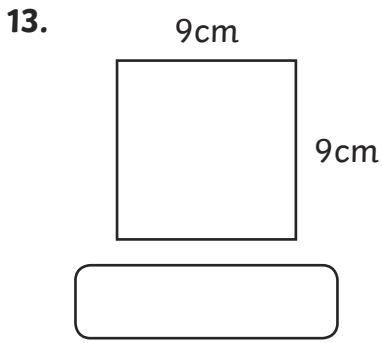


11.



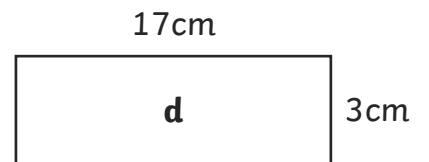
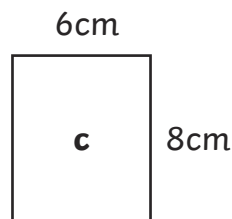
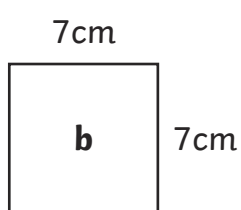
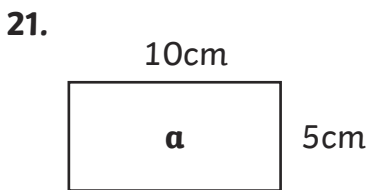
12.





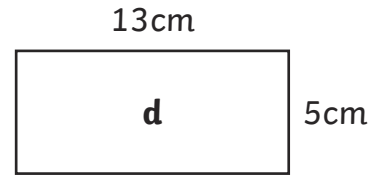
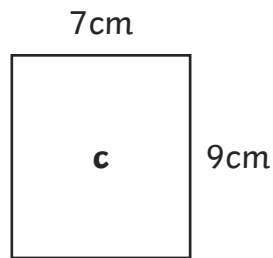
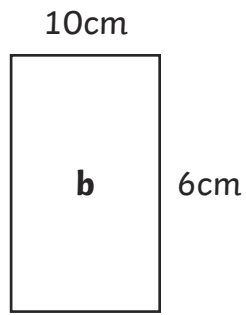
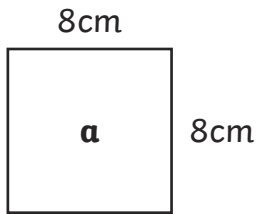
For each set of rectangles, order the rectangles from smallest area to largest area.

The shapes are not to scale.



_____ smallest _____ largest

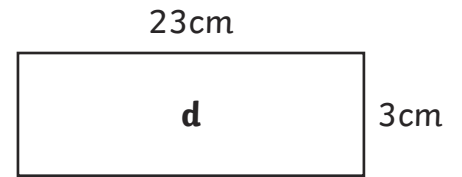
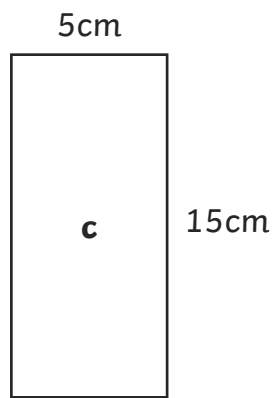
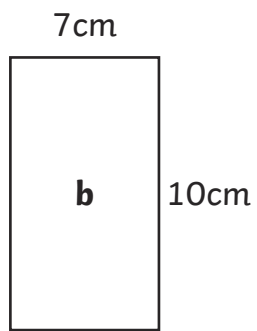
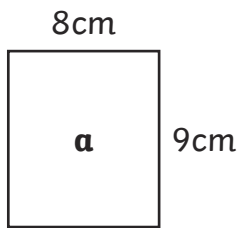
22.



smallest

largest

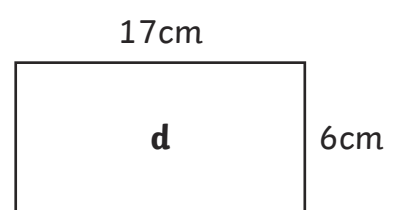
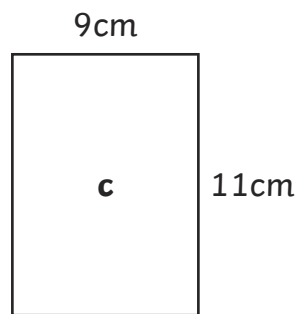
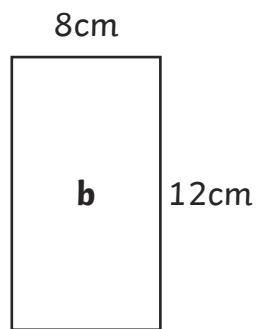
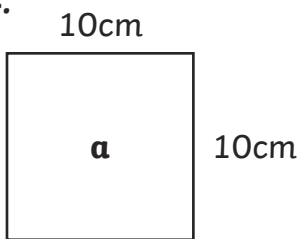
23.



smallest

largest

24.



smallest

largest

Calculate and Compare the Area of Rectangles **Answers**

1. $6 \times 3 = 18\text{cm}^2$

2. $4 \times 7 = 28\text{cm}^2$

3. $5 \times 8 = 40\text{cm}^2$

4. $10 \times 3 = 30\text{cm}^2$

5. $4 \times 11 = 44\text{cm}^2$

6. $12 \times 7 = 84\text{cm}^2$

7. $3 \times 9 = 27\text{cm}^2$

8. $6 \times 6 = 36\text{cm}^2$

9. $9 \times 5 = 45\text{cm}^2$

10. $7 \times 8 = 56\text{cm}^2$

11. $12 \times 9 = 108\text{cm}^2$

12. $3 \times 11 = 33\text{cm}^2$

13. $9 \times 9 = 81\text{cm}^2$

14. $15 \times 4 = 60\text{cm}^2$

15. $16 \times 5 = 80\text{cm}^2$

16. $6 \times 12 = 72\text{cm}^2$

17. $20 \times 5 = 100\text{cm}^2$

18. $24 \times 4 = 96\text{cm}^2$

19. $8 \times 15 = 120\text{cm}^2$

20. $12 \times 12 = 144\text{cm}^2$

21. C, B, A, D

22. B, C, A, D

23. D, B, A, C

24. B, C, A, D

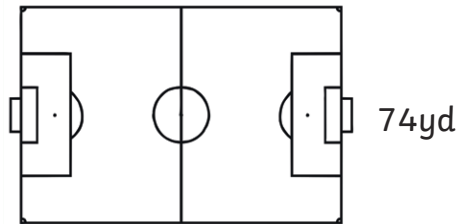
Calculate and Compare the Area of Rectangles

Aim: I can calculate and compare the area of rectangles.

Here are the sizes of 6 Premier League club football pitches. Calculate the area of each pitch and write them in order from smallest to largest, using number 1 as the smallest and 6 as the largest.

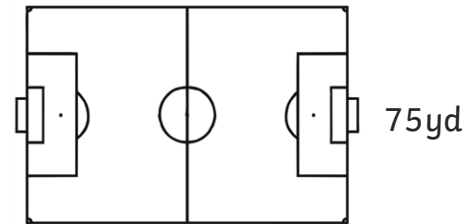
Arsenal

114yd



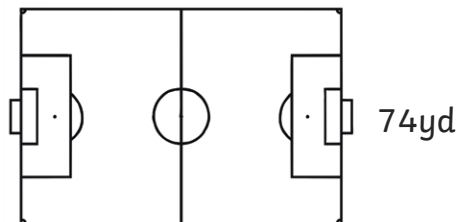
Chelsea

110yd



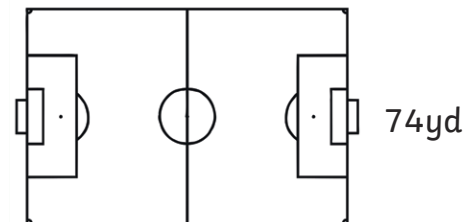
Liverpool

110yd



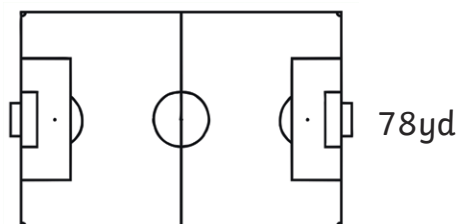
Manchester United

115yd



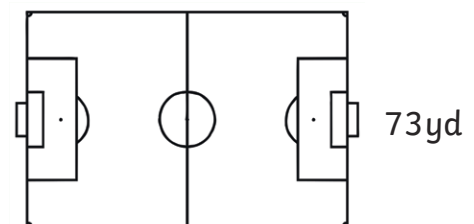
Manchester City

114yd



Tottenham Hotspur

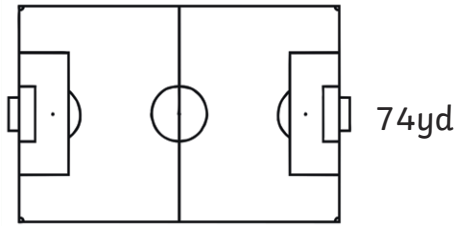
110yd



Calculate and Compare the Area of Rectangles **Answers**

Arsenal

114yd

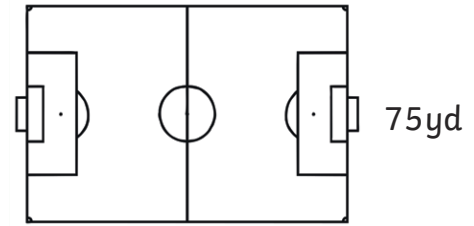


8436yd²

4

Chelsea

110yd

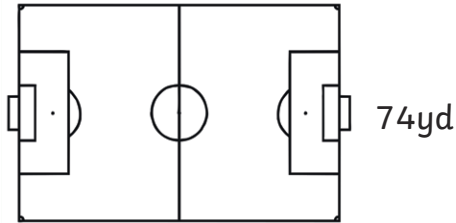


8250yd²

3

Liverpool

110yd

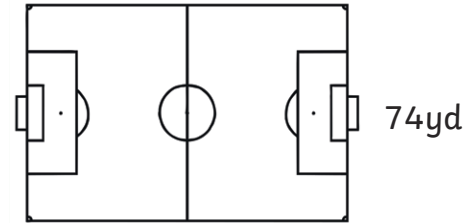


8140yd²

2

Manchester United

115yd

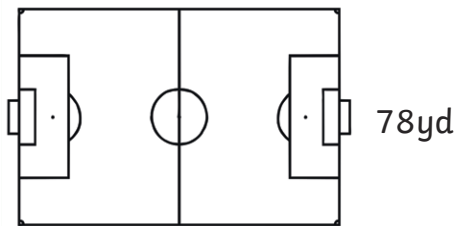


8510yd²

5

Manchester City

114yd

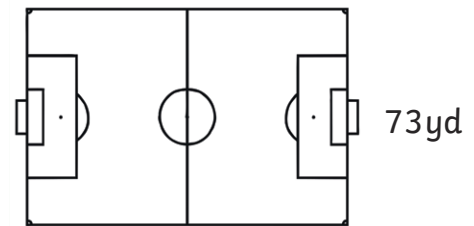


8892yd²

6

Tottenham Hotspur

110yd



8030yd²

1