Year 4 Maths
Steppingstone activity

Lesson 12
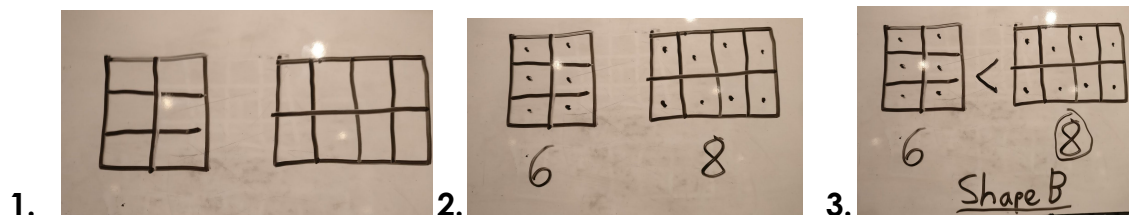**LO: To compare the area of rectilinear shapes**

Success Criteria:

1.	Look at your shapes
2.	Count their area
3.	Compare the two shapes

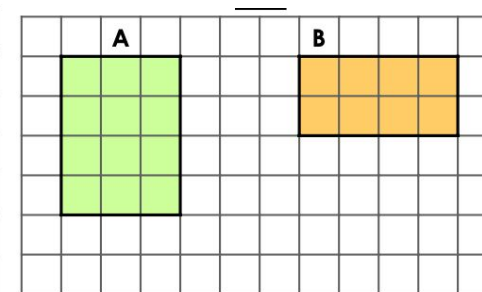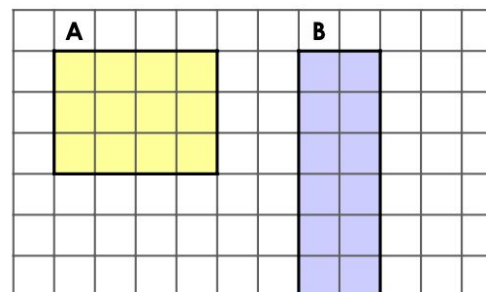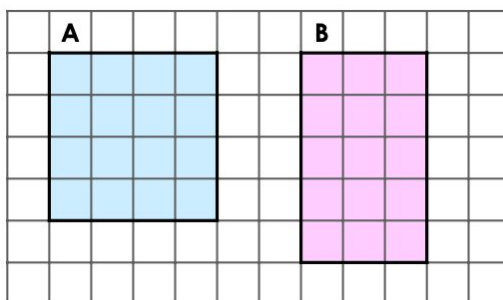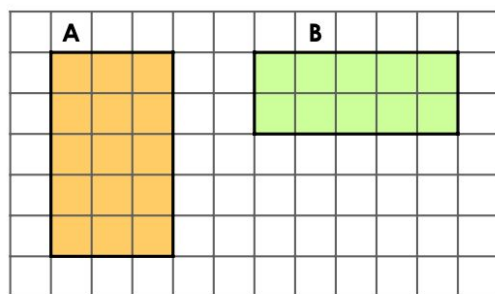**Remember: Count the areas carefully Dot the squares you count**

Model

1.   2.   3.

Now you try... Which shape has the larger area?

1.   **A**   2.   **A**   3.   **=**   4.   **A**

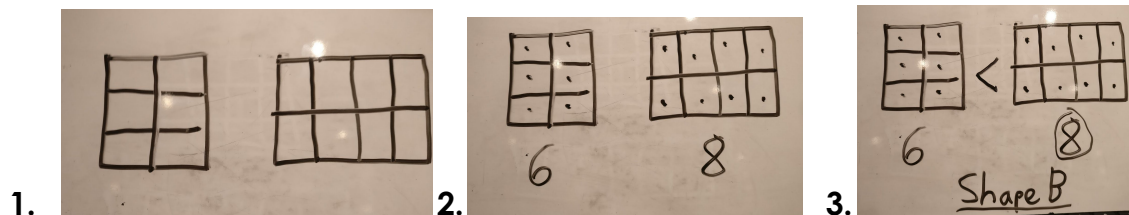**EXT: Draw your own shapes and compare them on the squared paper on the final page OR TRY TASK 1**

Year 4 Maths

Task:

Lesson 12
LO: To compare the area of rectilinear shapes

Success Criteria:

1. **Look at your shapes**	
2. **Count their area**	
3. **Compare the two shapes**	

Remember:

Model:
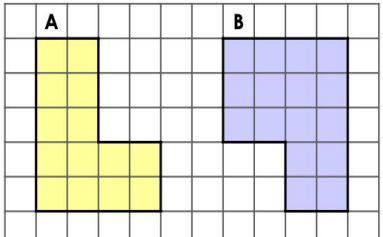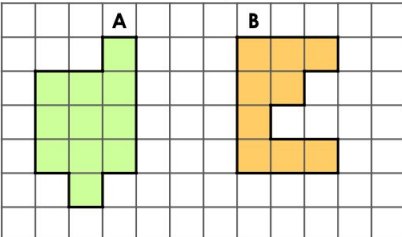
1.   2.   3.

Canonbury Home Learning
Year 4 Maths Main activity
Complete at least 2 columns, more if you can!

Canonbury Primary School
Create, discover and succeed together

Task 1	Task 2
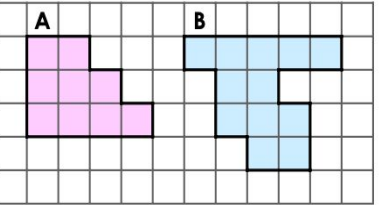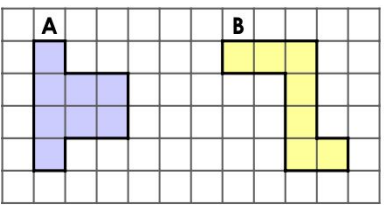
Practice: Which has the larger area?
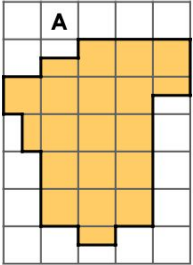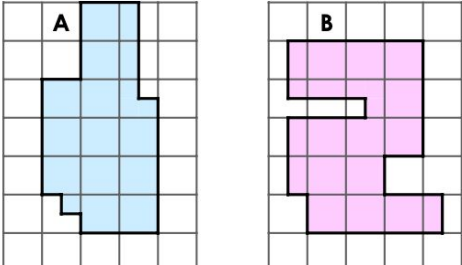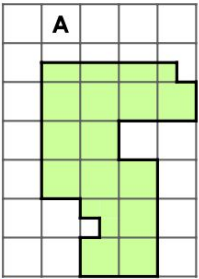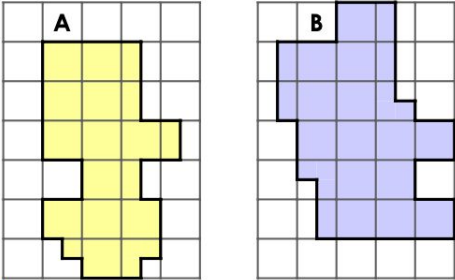
Practice: Which has the larger area? Are any equal?

1.

B

2.

A

1.

A

2.

A

3.

B

4.

A

3.

B

4.

B

5.

A

6.

A
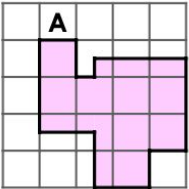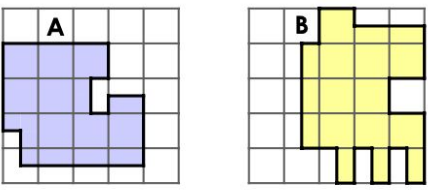
5.

=

6.

A

Task 3

Reasoning

Explain your answers.

6a. Anna and Simon are comparing the area of two shapes.

A   B
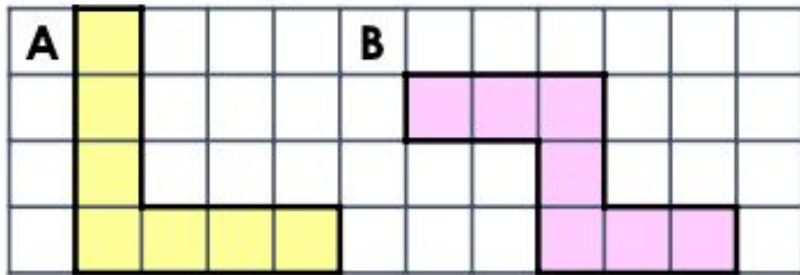
Anna: Shape B has a larger area.
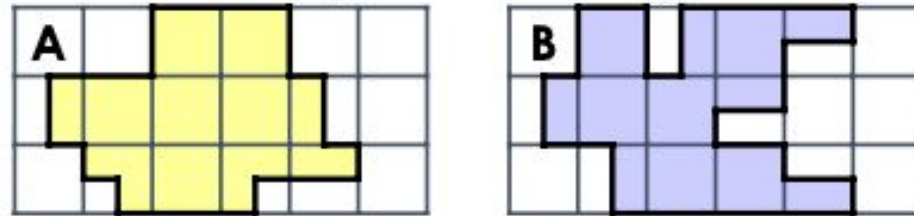
Simon: The shapes have the same area.

Who is correct? Prove it.

9b. Sara and Imran are comparing the area of two shapes.

A   B

Sara: Shape A has a smaller area.

Imran: The shapes have the same area.

Who is correct? Prove it.

6a. Simon is correct. Both shapes have an area of 7 squares.

9b. Imran is correct. Both shapes have an area of 9 squares.

CANONBURY
PRIMARY SCHOOL
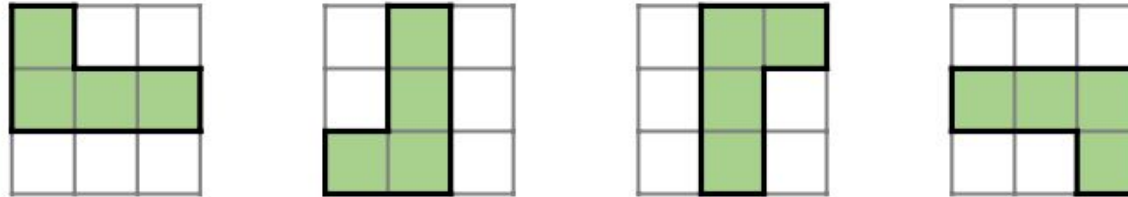Create, discover and succeed together

Task 4

Problem solving

2. Using the 'L' shape below and the grid, investigate each statement. The 'L' can by used multiple times, rotated, flipped and pieced together to create a larger shape.

1. The more sides a shape has, the greater its area will be.
Sometimes true

2. I can make a 4-sided shape with an area of 30 squares.
False

3. I can make an 8, 10 and 12-sided shape that all have the same area.
True

Various possible answers to support statement 1.

Various possible answers to support statement 3.