

Homework/Extension

Step 4: Comparing Area

National Curriculum Objectives:

Mathematics Year 4: (4M7b) [Find the area of rectilinear shapes by counting squares](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Find two squares or rectangles which have the same area.

Expected Find two rectilinear shapes which have the same area.

Greater Depth Find two rectilinear shapes which have the same area. Some parts of the shapes take up a half, quarter or three-quarters of a grid square.

Questions 2, 5 and 8 (Varied Fluency)

Developing Find the pair of squares or rectangles which must swap places for the inequality symbols to be correct.

Expected Find the pair of rectilinear shapes which must swap places for the inequality symbols to be correct.

Greater Depth Find the pair of rectilinear shapes which must swap places for the inequality symbols to be correct. Some parts of the shapes take up a half, quarter or three-quarters of a grid square.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Match three smaller squares or rectangles to larger ones to make total areas which fit the given inequality symbols.

Expected Match three of four smaller rectilinear shapes to larger ones to make total areas which fit the given inequality symbols.

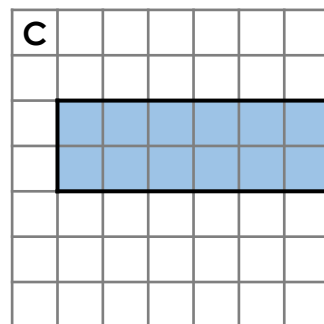
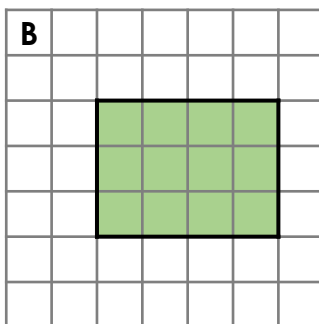
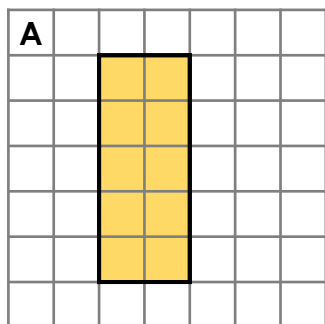
Greater Depth Match three of four smaller rectilinear shapes to larger ones to make total areas which fit the given inequality symbols. Some parts of the shapes take up a half, quarter or three-quarters of a grid square.

More [Year 4 Area](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

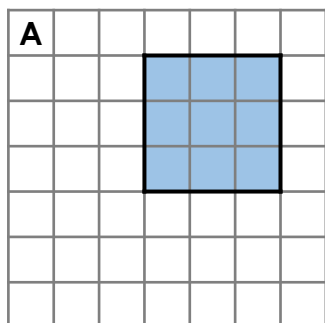
Comparing Area

1. Find the two shapes below with the same area.

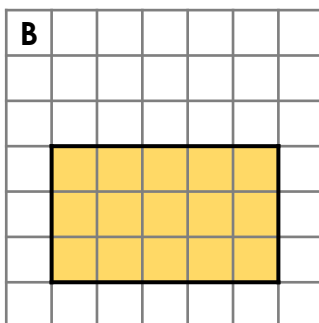


VF
HW/Ext

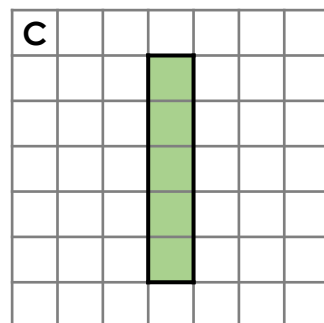
2. Which two shapes below must swap places for the inequality symbols to be correct?



>

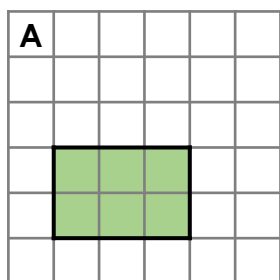


>

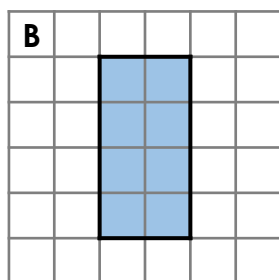


VF
HW/Ext

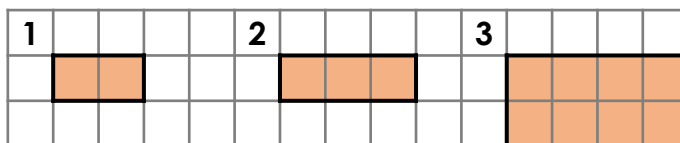
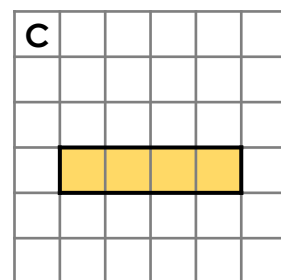
3. Add a set of the extra squares below to each shape to make the inequality symbols correct. You must use each set of extra squares once.



<



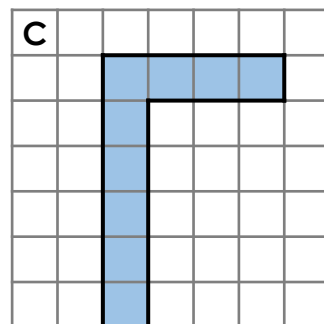
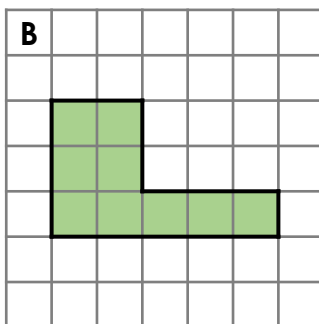
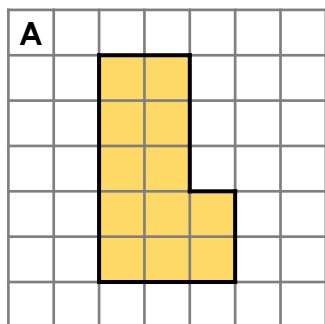
<



RPS
HW/Ext

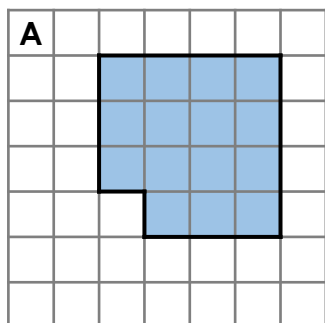
Comparing Area

4. Find the two shapes below with the same area.

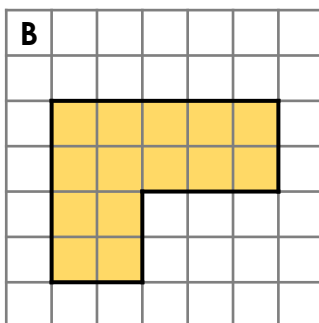


VF
HW/Ext

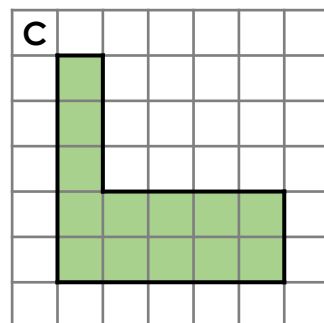
5. Which two shapes below must swap places for the inequality symbols to be correct?



<

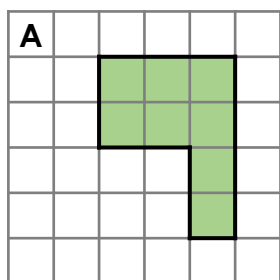


<

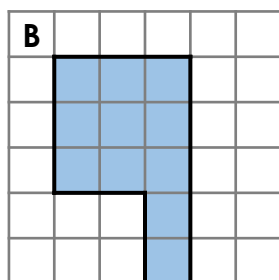


VF
HW/Ext

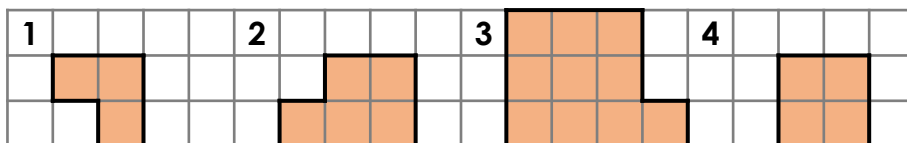
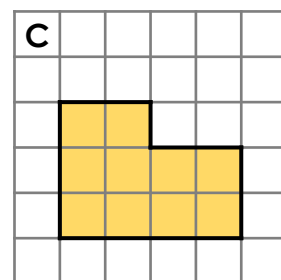
6. Add a set of the extra squares below to each shape to make the inequality symbols correct. You can only use a set of extra squares once. They cannot be rotated.



>



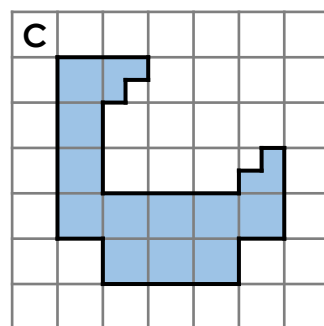
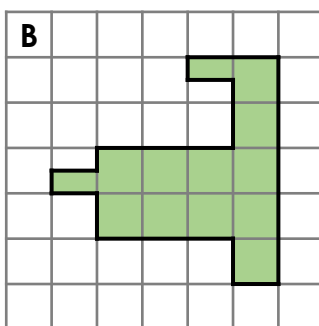
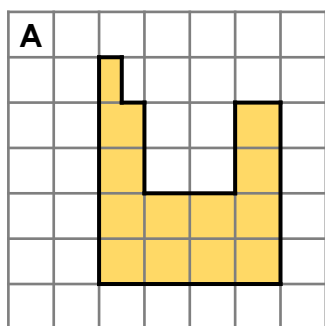
>



RPS
HW/Ext

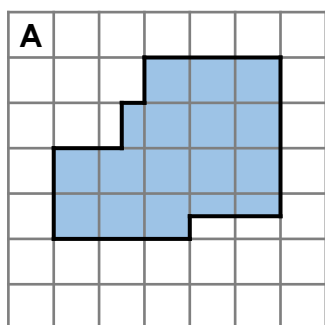
Comparing Area

7. Find the two shapes below with the same area.

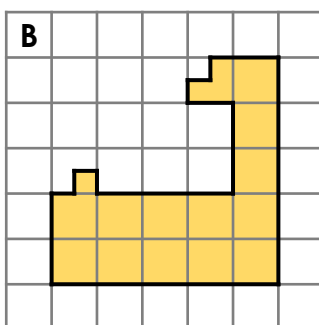


VF
HW/Ext

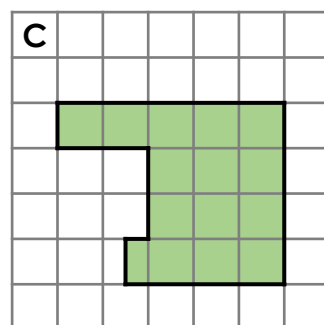
8. Which two shapes below must swap places for the inequality symbols to be correct?



>

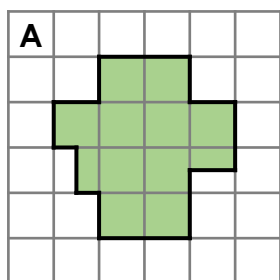


>

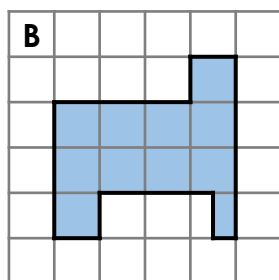


VF
HW/Ext

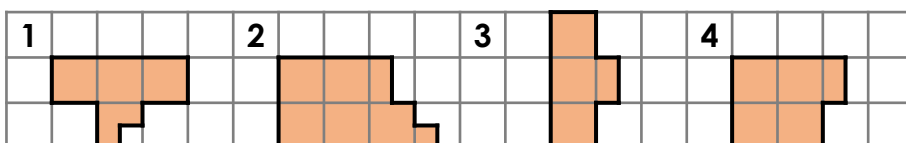
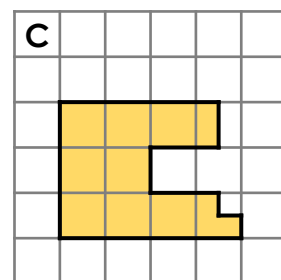
9. Add a set of the extra squares below to each shape to make the inequality symbols correct. You can only use a set of extra squares once. They cannot be rotated.



<



=



RPS
HW/Ext

Homework/Extension Comparing Area

Developing

1. **B and C**
2. **A and B**
3. **A. 2; B. 1; C. 3**

Expected

4. **B and C**
5. **A and C**
6. **A. 3; B. 2; C.4**

Greater Depth

7. **A and C**
8. **B and C**
9. **A. 3; B. 4; C. 2**