



**Lesson 10**

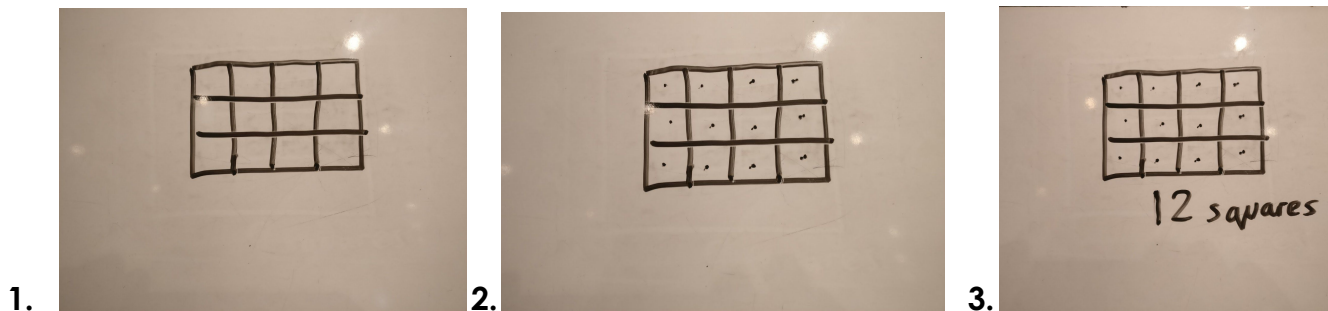
**LO: To measure the area of a rectilinear shape**

**Success Criteria:**

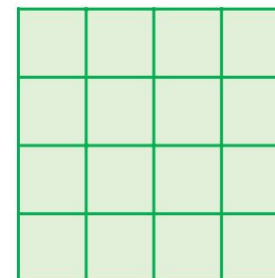
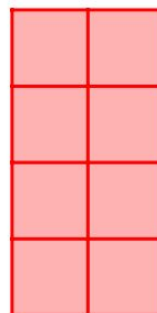
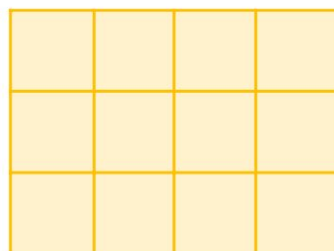
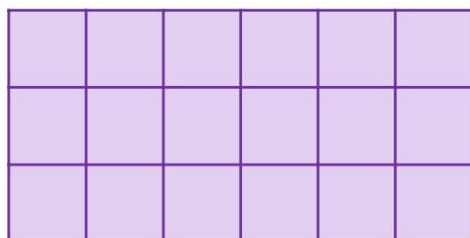
- |                         |
|-------------------------|
| 1. Look at your shape   |
| 2. Count up the squares |
| 3. Write the answer     |

**Remember: Carefully count up the shaded squares**

**Model**



**Now you try...**



**Lesson 10**

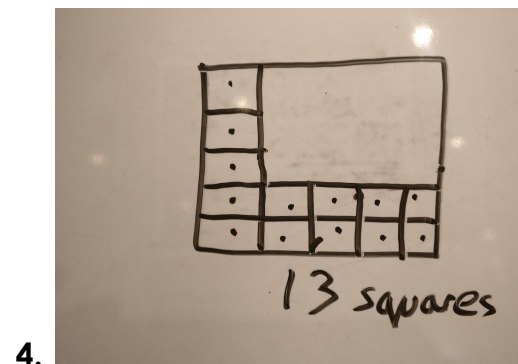
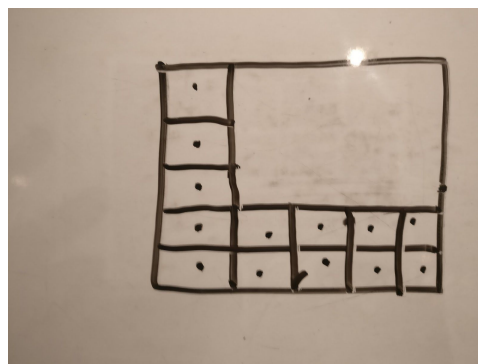
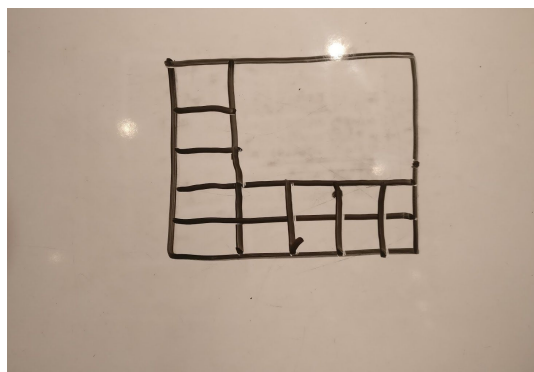
**LO: To measure the perimeter of a rectilinear shape**

**Success Criteria:**

1. Look at your shape
2. Identify the shaded area
3. Count the shaded squares
4. Write the answer

**Remember: Carefully count up the shaded squares**

**Model:**

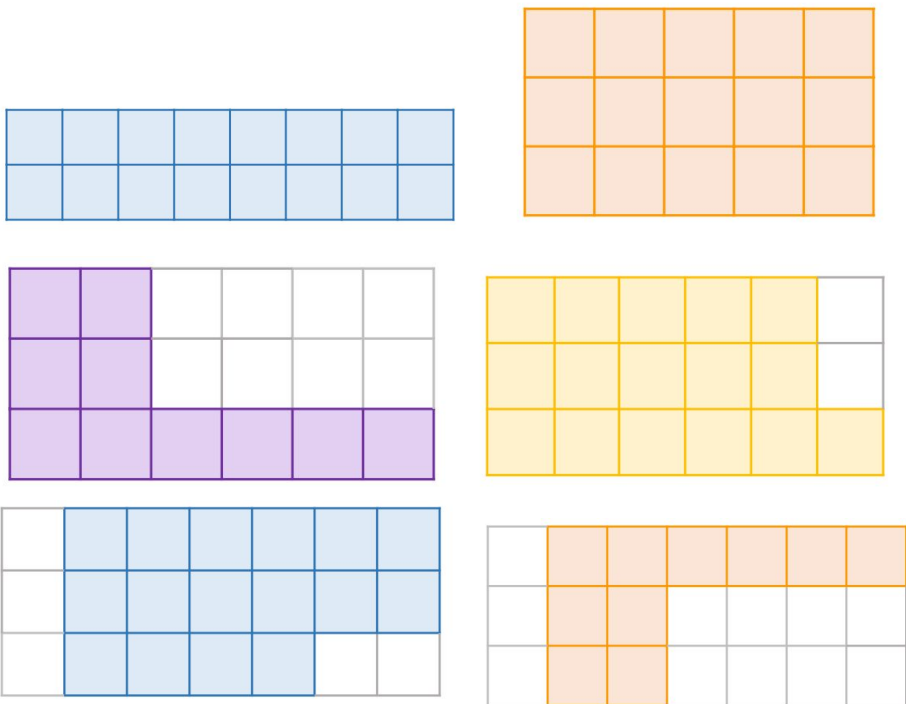


**Year 4 Maths Main activity**

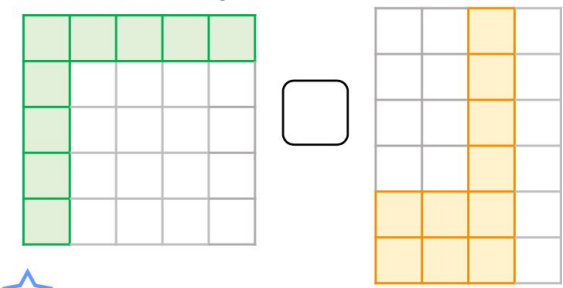
Complete at least 2 columns, more if you can!

**Task 1**

**Practice: Add the sides up carefully**

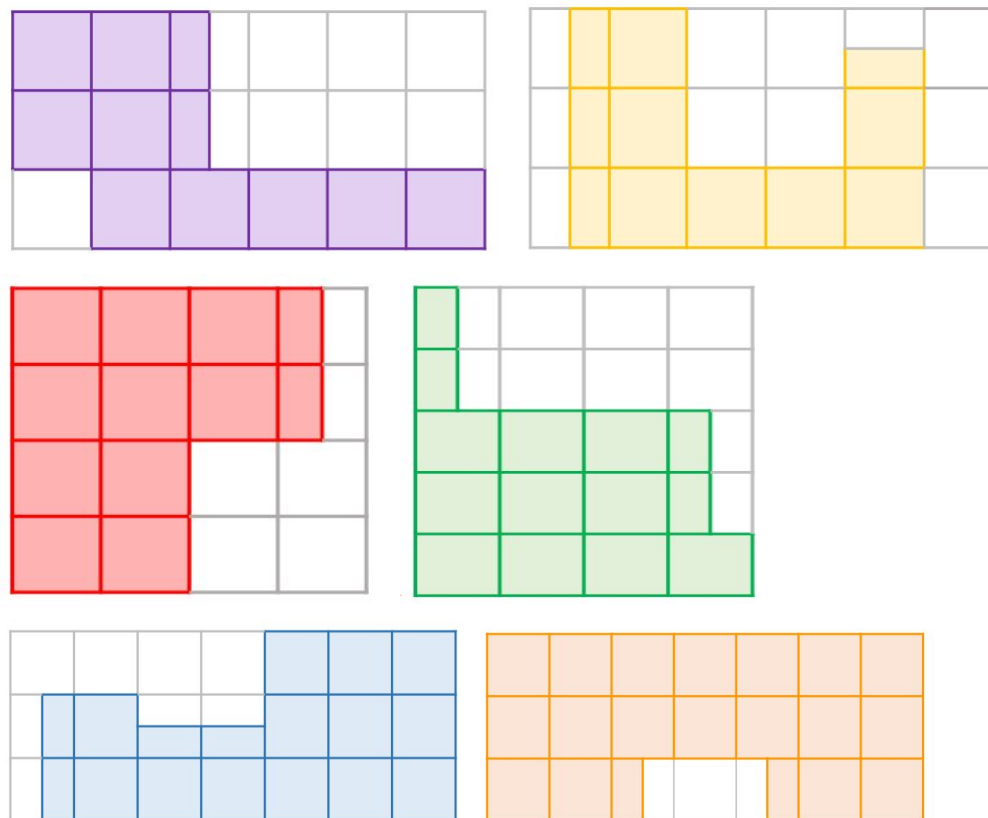


8a. Complete the inequality statement for the shaded shapes below.

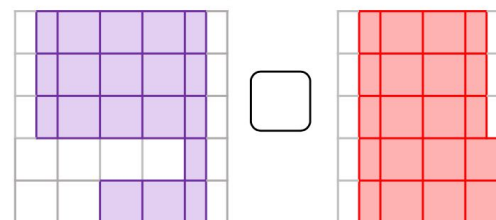


**Task 2**

**Practice: Add the sides up carefully**



12b. Complete the inequality statement for the shaded shapes below.

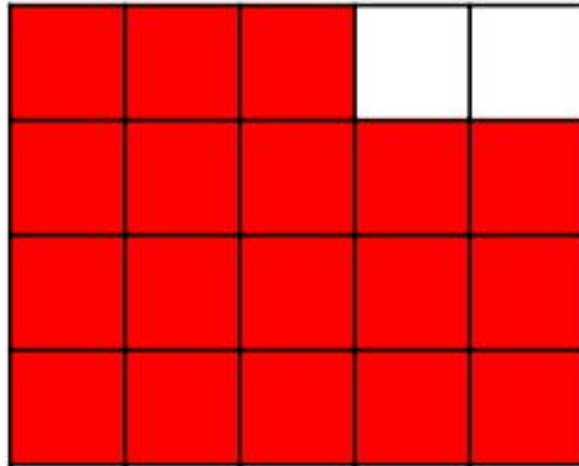


**Task 3**

**Reasoning**

Explain your answers.

**5b. Molly is trying to work out if she has enough tiles to make this shape on a gameboard. She has 16 tiles.**

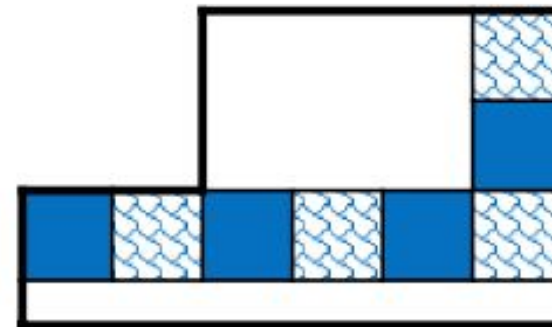


**Does she have enough tiles?  
Explain how you know.**

**9a. Charlie has started carpeting a room with two different carpet tiles.**



To complete the pattern, I need 3 full plain and 3 full patterned tiles and 2 half plain and 2 half patterned tiles.



**Is he correct? Explain your answer.**

**Task 4**

**Problem solving**

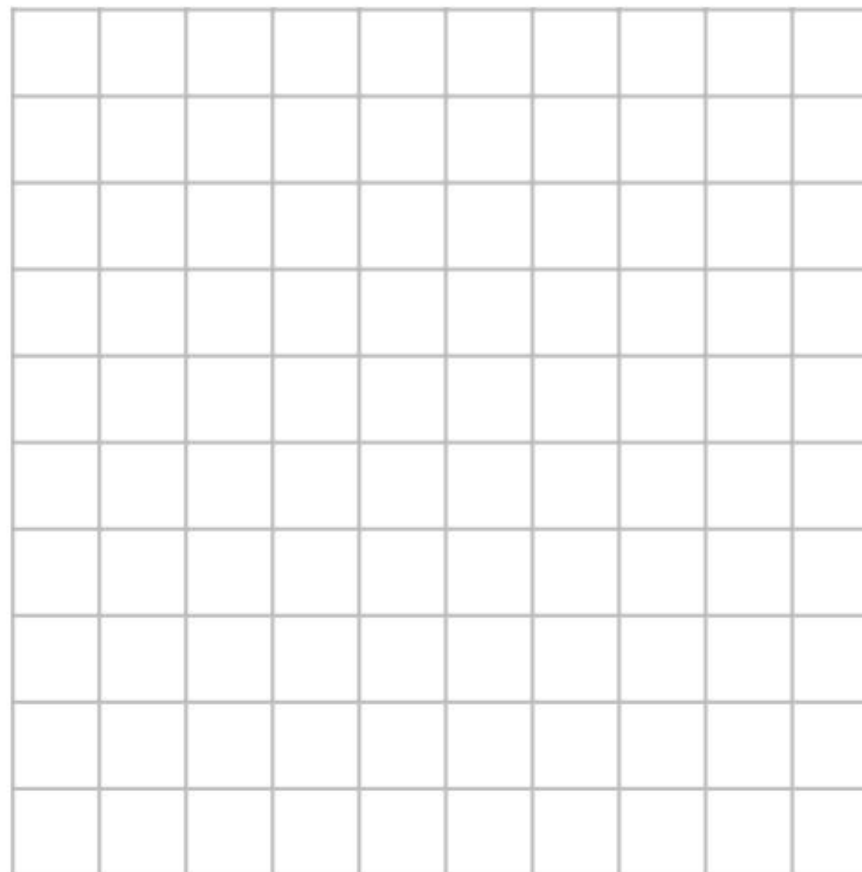
**2. Using the clues below, draw a house on the grid.**

**1. The total area of the windows is between 4 and 10 squares.**

**2. The total area of the door is less than 7 squares.**

**3. The house can be no more than 8 squares wide and 6 squares tall, not including the roof.**

**4. The roof uses at least 4 half squares.**



**Explore the different house designs that can be made and their total area.**