



Lesson 10

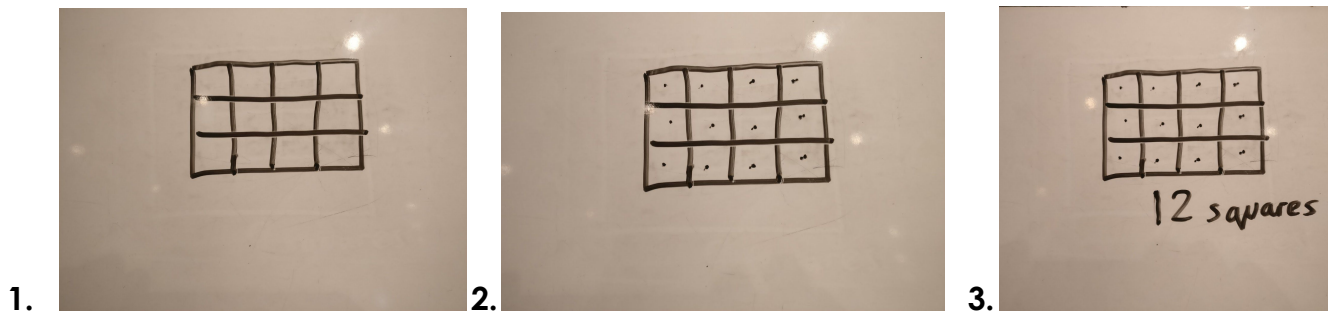
LO: To measure the area of a rectilinear shape

Success Criteria:

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

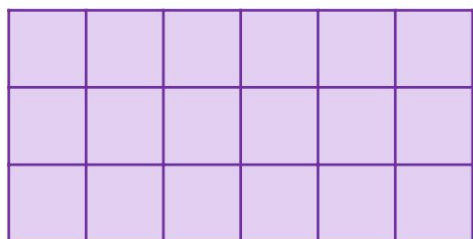
Remember: Carefully count up the shaded squares

Model



Now you try...

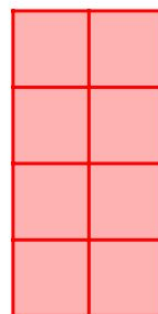
18



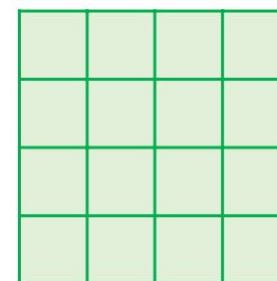
12



8



16



Task:

Lesson 10

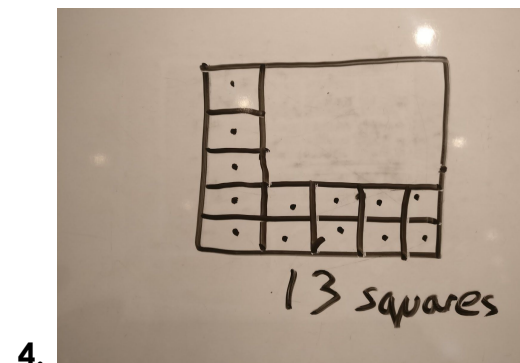
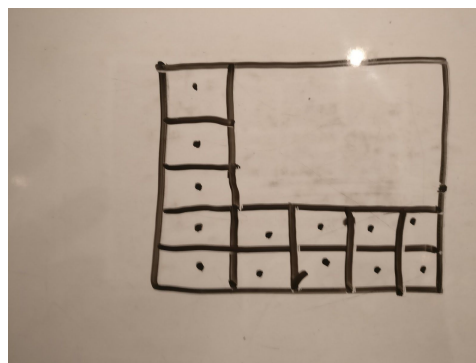
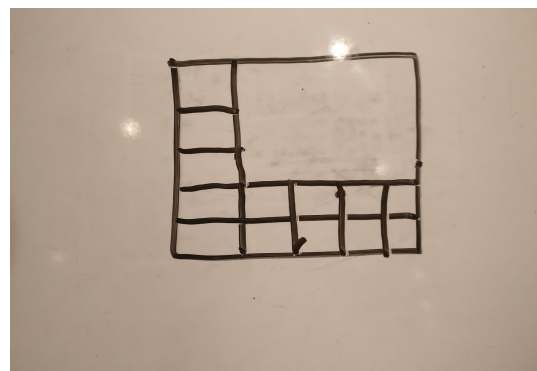
LO: To measure the area of a rectilinear shape

Success Criteria:

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

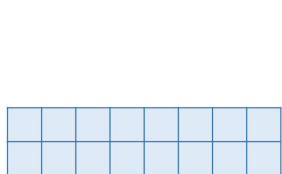
Remember: Carefully count up the shaded squares

Model:

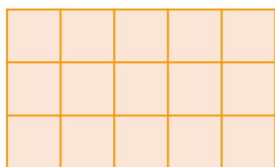


Task 1

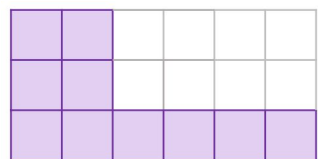
Practice: Add the sides up carefully



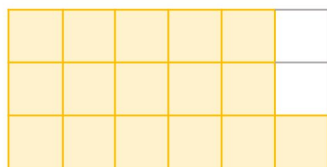
16



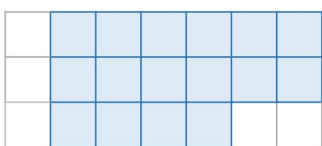
15



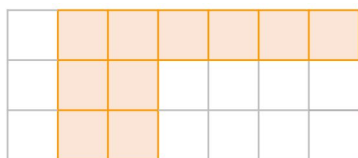
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16

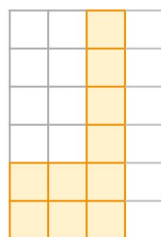
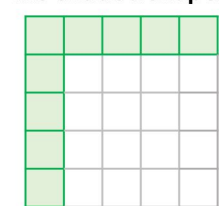


16



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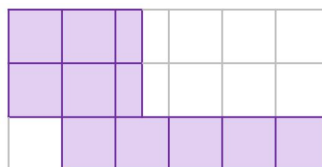
8a. Complete the inequality statement for the shaded shapes below.



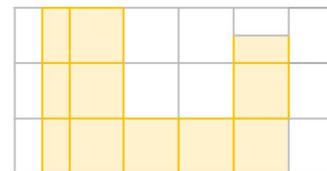
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Task 2

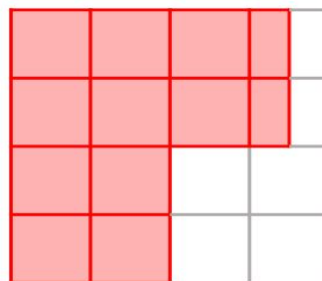
Practice: Add the sides up carefully



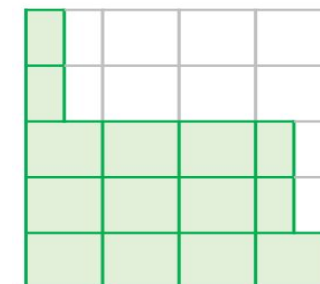
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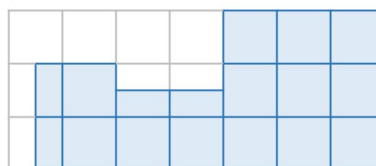
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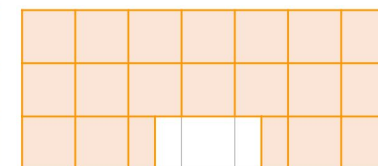
11



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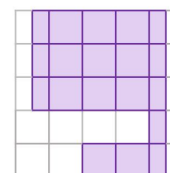


15



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



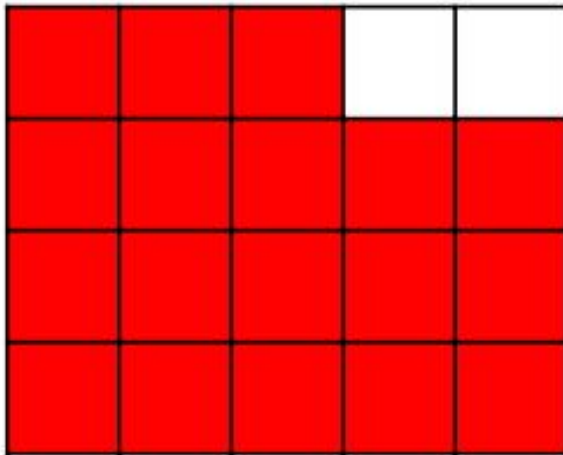
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Task 3

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.

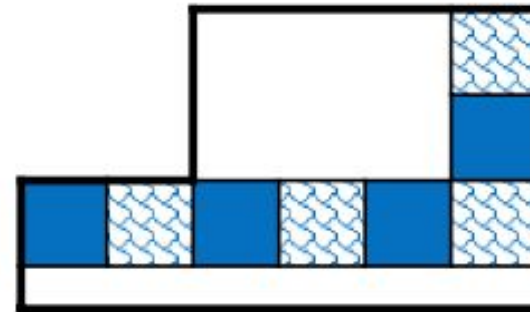


**Does she have enough tiles?
Explain how you know.**

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.

5b. Molly does not have enough because she needs 18 and she only has 16.

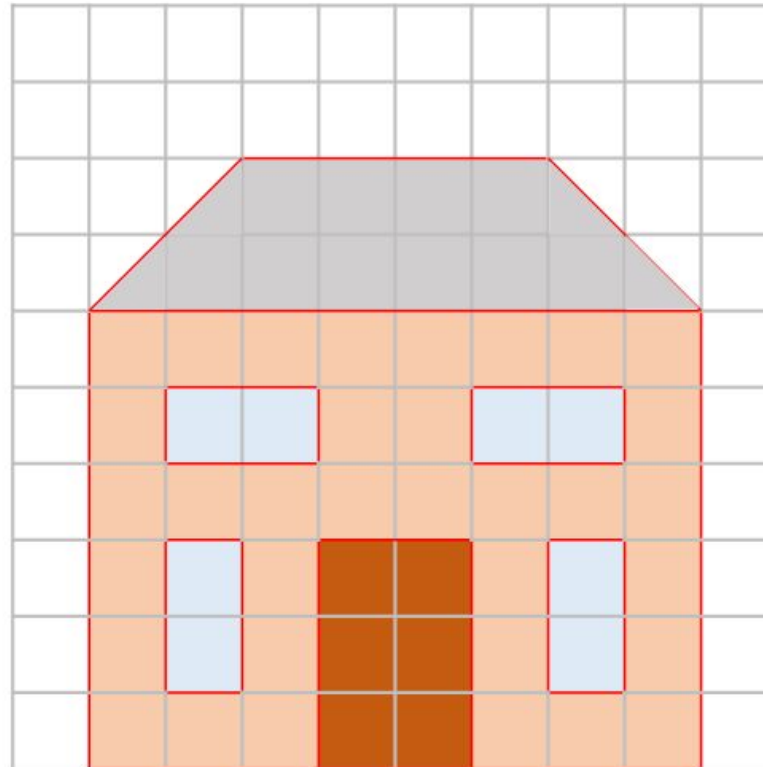
9a. Charlie is incorrect because he needs 3 half plain and 3 half patterned tiles to complete his pattern.

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.

Various answers, one example is shown above. The total area of the house is 60 squares.