

Lesson 7

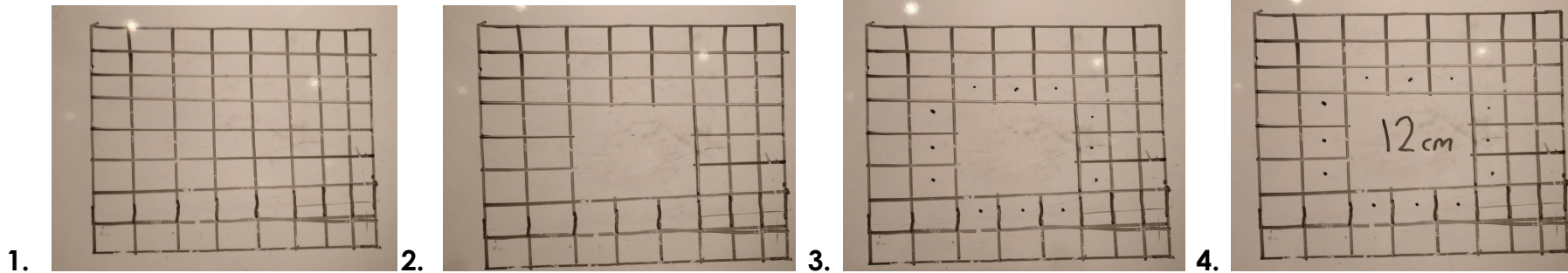
LO: To measure the perimeter of a shape

Success Criteria:

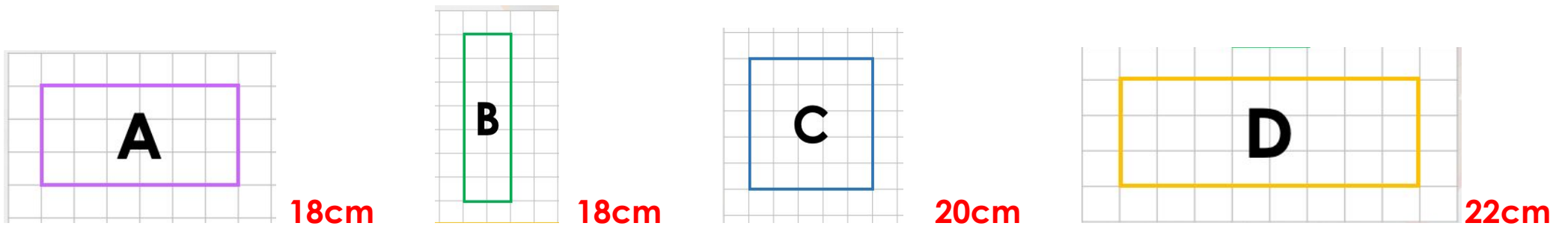
- | |
|--|
| 1. Draw a grid (if needed) |
| 2. Draw shape (if needed) |
| 3. Dot the squares around the shape |
| 4. Count the dots and write the answer |

Remember: Do not include the corner squares!

Model



Now you try...



Lesson 7

LO: To measure the perimeter of a shape

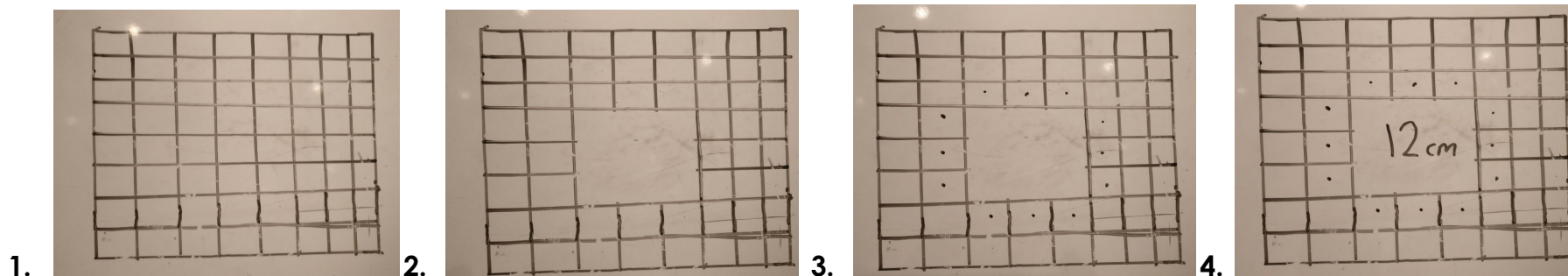
Task:

Success Criteria:

1. Draw a grid (if needed)
2. Draw shape (if needed)
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Remember: Do not include the corner squares!

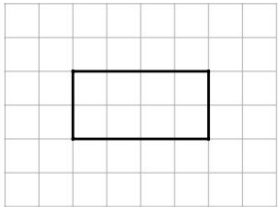
Model:



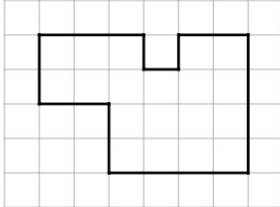
Task 1

Practice

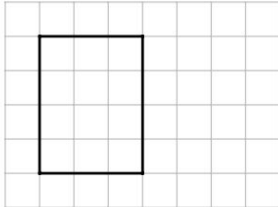
1a. What is the perimeter of the shape?



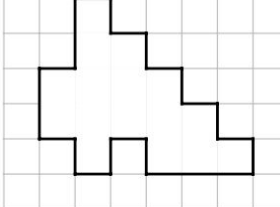
4b. What is the perimeter of the shape?



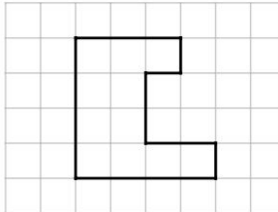
1b. What is the perimeter of the shape?



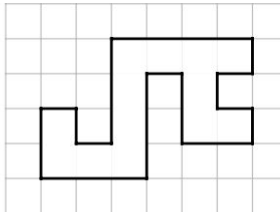
7a. What is the perimeter of the shape?



4a. What is the perimeter of the shape?



7b. What is the perimeter of the shape?

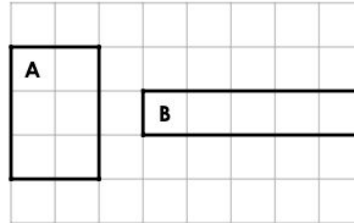


1a. 12cm 1b. 14cm 4a. 18cm 4b. 22cm 7a. 24cm 7b. 28cm

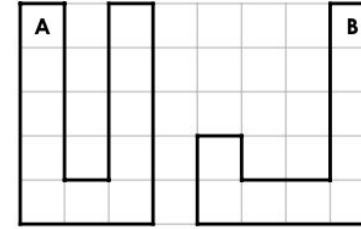
Task 2

Practice

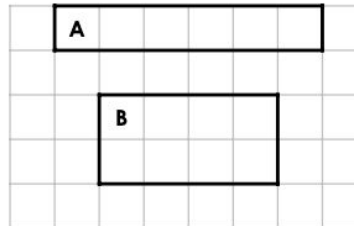
2a. Which shape has the longest perimeter?



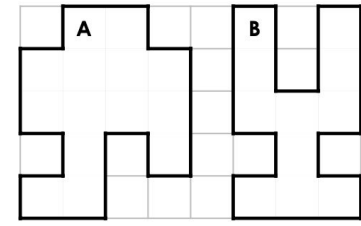
5b. Which shape has the longest perimeter?



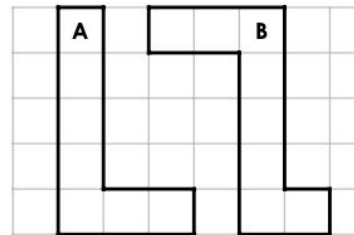
2b. Which shape has the longest perimeter?



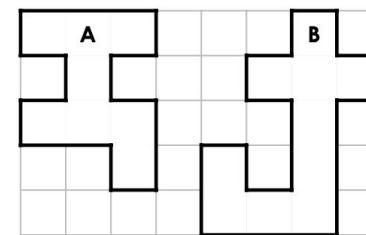
8b. Which shape has the longest perimeter?



5a. Which shape has the longest perimeter?



8a. Which shape has the longest perimeter?



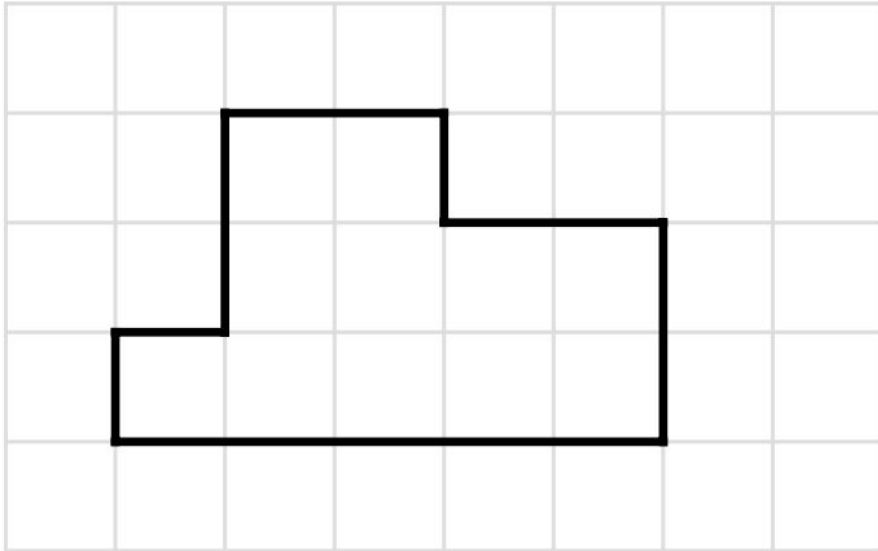
2a. B 2b. A 5a. B 5b. A 8a. B 8b. B

Task 3

Reasoning

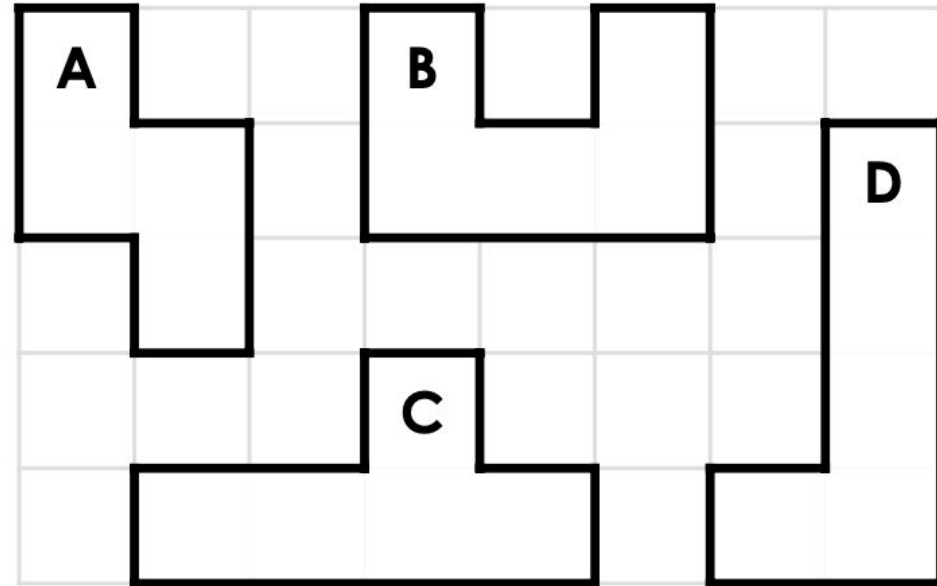
Explain your answers.

5a. Jack thinks the perimeter of this shape is 11cm.



What mistake has he made?

7b. Which shape is the odd one out?



Explain your reasoning.

5a. Jack has counted the squares inside the shape instead of calculating the distance around the shape. The perimeter is 16cm.

7b. A has a perimeter of 10cm. The other shapes have a perimeter of 12cm.

Task 4**Problem solving**

1. Mrs Murphy has bought a plot of land. She wants to build three different rectilinear buildings on it. Explore the different perimeters for each of the buildings on this plan that make a combined total of 82cm. **Various answers, for example:**

