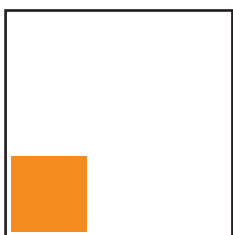


# Estimating and Checking Length and Perimeter

NCTM Standards 1, 3, 4, 6, 7, 8, 9, 10

Estimate the perimeter and area of the following figures.  
Use the fact that the area of an orange tile is 1 square centimeter.

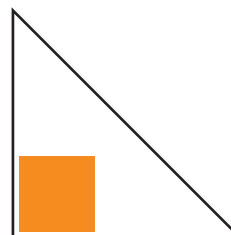
1



The perimeter is about \_\_\_\_\_ cm.

The area is about \_\_\_\_\_ sq cm.

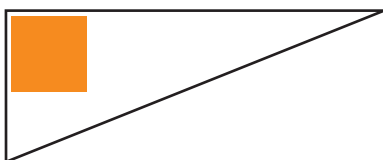
2



The perimeter is about \_\_\_\_\_ cm.

The area is about \_\_\_\_\_ sq cm.

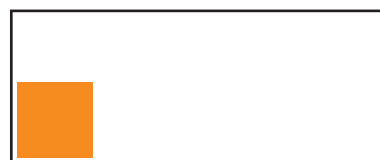
3



The perimeter is about \_\_\_\_\_ cm.

The area is about \_\_\_\_\_ sq cm.

4



The perimeter is about \_\_\_\_\_ cm.

The area is about \_\_\_\_\_ sq cm.

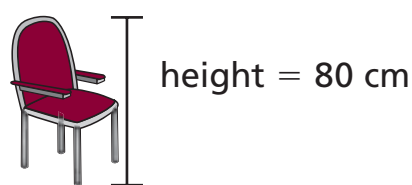
Say whether the given measures are likely or unlikely.

5



likely or unlikely

6



likely or unlikely

7



area = 2 square meters

likely or unlikely

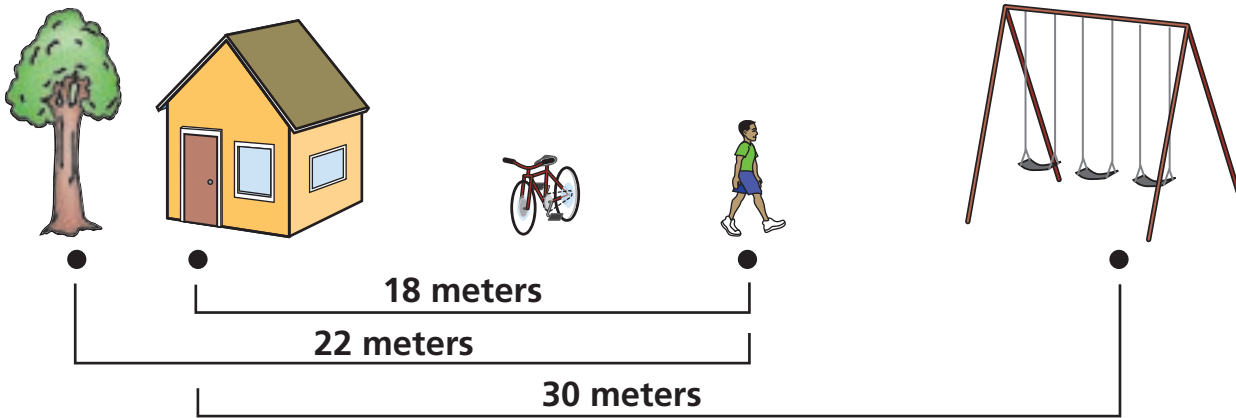
8



area of a book's cover = 8 sq cm

likely or unlikely

Use the picture to answer the questions.



- 9 How far is the student from the swingset? \_\_\_\_\_ meters
- 10 How far is the tree from the house? \_\_\_\_\_ meters
- 11 How far is the tree from the swingset? \_\_\_\_\_ meters
- 12 What can you say about the bicycle's location?

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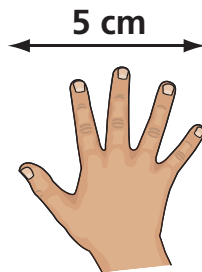


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**13 Challenge** Charlotte used her hand to estimate the perimeter of a drawing. She knows her hand is about 5 cm wide. If she found the perimeter to be 38 hand widths, what is her estimate of the perimeter, in centimeters and meters?



\_\_\_\_\_ centimeters

\_\_\_\_\_ meters