

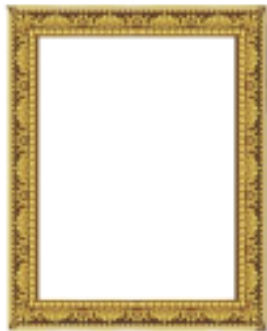
## Calculate Perimeter

1. Kaiyan and Millie are discussing their photo frame and photo.



Kaiyan

The length of the photo frame is 2 and a half times its width.



If it is put in the frame, the edge of the photo is always 2.25cm away from the inside edge of the frame.



Millie

*Not to scale*

Explore the different pairs of perimeters for the photo and the photo frame.

DP

2. Explore the outlines of buildings you can create with a total perimeter between 35m and 40m using the shapes and their perimeters below.

5.25m



350cm

500cm



700cm

Here is an example:

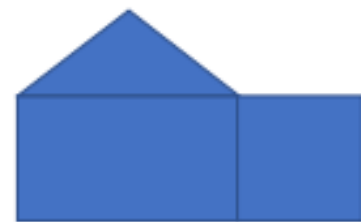
7m



5.25m



3.5m



perimeter = 35m

5.25m



7m



3m

3m

350cm

350cm

700cm

5.25m

7m

*Not to scale*

DP

# ANSWERS - Calculating Perimeter Challenge

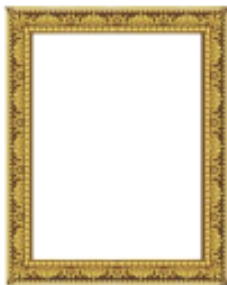
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Millie

*Not to scale*

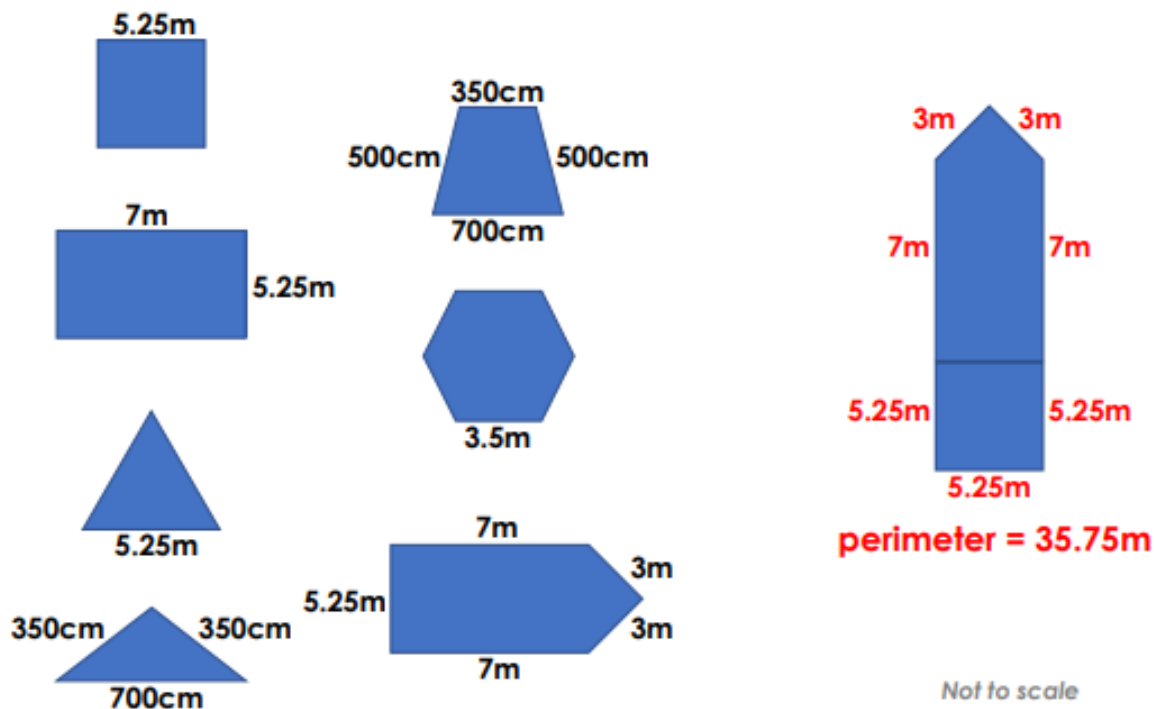
Explore the different pairs of perimeters for the photo and the photo frame.

Various answers, for example:

frame = 25cm x 10cm, photo = 20.5cm x 5.5cm

DP

2. Explore the outlines of buildings you can create with a total perimeter between 35m and 40m using the shapes and their perimeters below. Various answers, for example:



*Not to scale*

DP