

Shapes in the Real World

By: Billy Jean

For Ms. Duffy's Perimeter, Area and Volume Module

Due 12 Nov. 2017





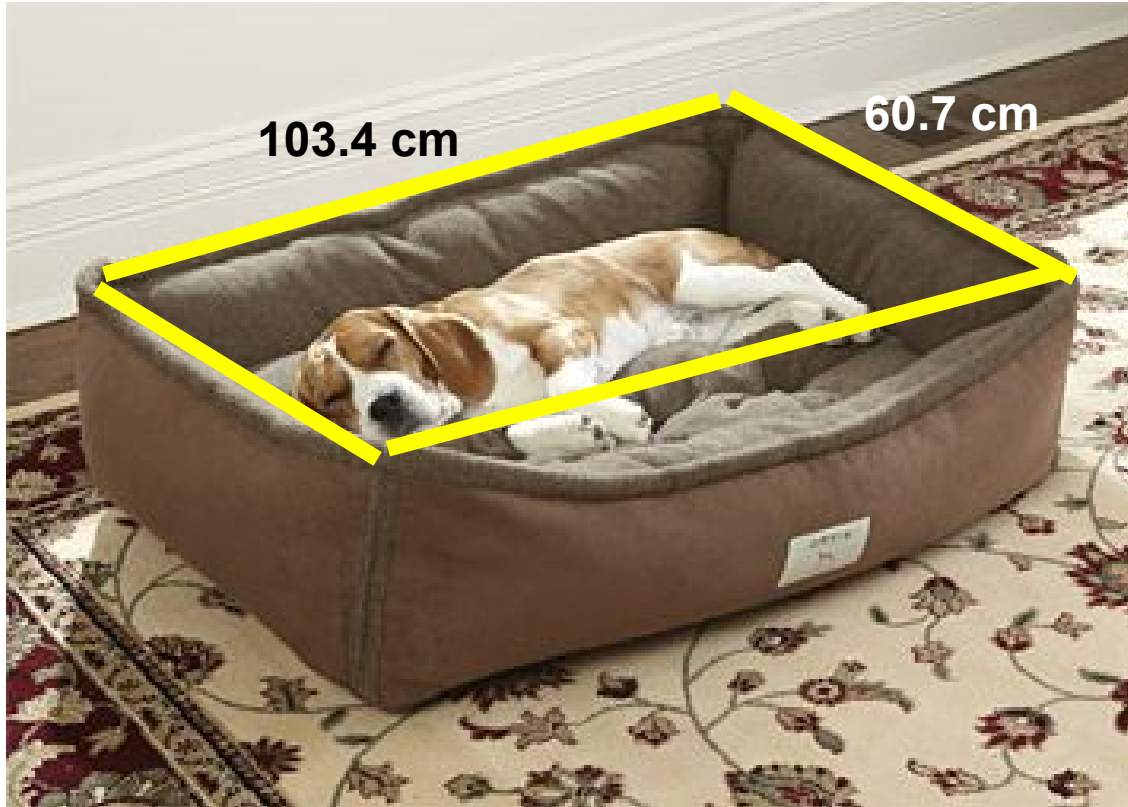
20 cm

30 cm

Perimeter = $20+20+30+30 = 90$ cm
Area = $20(30) = 600$ cm squared



The base of the dog bed is a rectangle.



Perimeter =

$$\begin{aligned} &103.4 \\ &+103.4 \\ &+60.7 \\ &+60.7 \\ &=328.2 \text{ cm} \end{aligned}$$

Area =

$$\begin{aligned} &(103.4)(60.7) \\ &=164.1 \end{aligned}$$

Aoife's dog Charlie Brown chewed up the bottom of his dog bed. She is going to recover the bottom in new fabric. She calculates the area to go to the store to buy the fabric.

At the shop she recalls that one length is 60.7 and that total area is 164.1 but she can recall what the other length is. Can you help her find it?