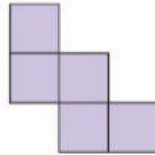


Unit 6 Week 2 – Human Body Systems – WWA  
Math Assessment

**Question 1: Area**

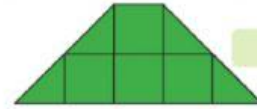
**(15 marks)**

Find the area of each figure.  
Give your answer in square units.



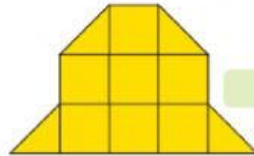
A

square units



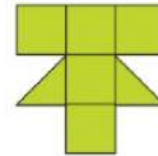
B

square units



C

square units

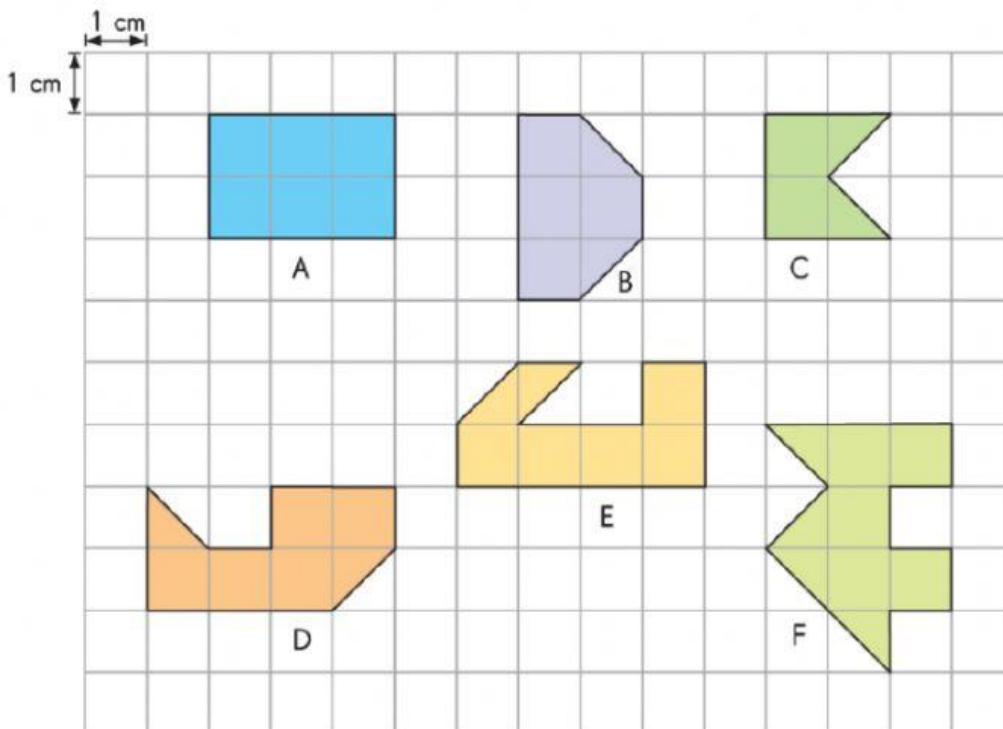


D

square units

Which figure has the smallest area? Figure

Find the area of each figure.



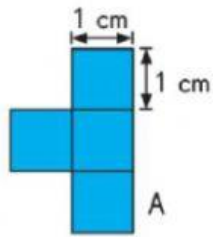
Which figure has the smallest area? Figure

Which figure has the largest area? Figure

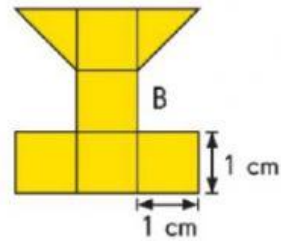
Which figures have the same area? Figures , , and

**Solve. The figures are made up of square and half-square tiles.**

**Find the area of each figure.**



Area =  cm<sup>2</sup>



Area =  cm<sup>2</sup>

Which figure has a larger area? Figure

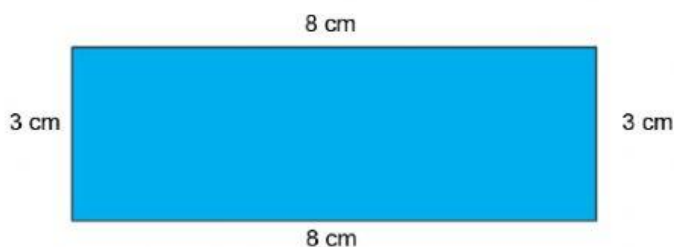
You want both figures to have the same area.  
Explain two ways of doing this.

## Question 2: Perimeter

(20 marks)

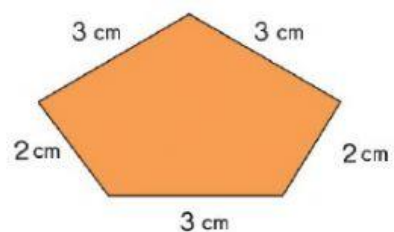
Find its perimeter.

Perimeter =  +  +  +   
=



Find the perimeter of the figure.

Perimeter =  +  +  +  +   
=  cm



The width of a rug is 14 centimeters.  
 Its length is twice its width.  
 What is the perimeter of the rug?



Length =  ×   
 =  cm

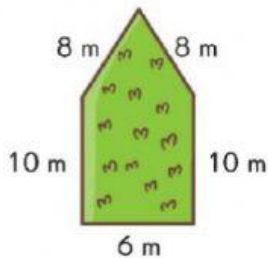
Perimeter =  +  +  +   
 =  cm

The perimeter of the rug is  centimeters.

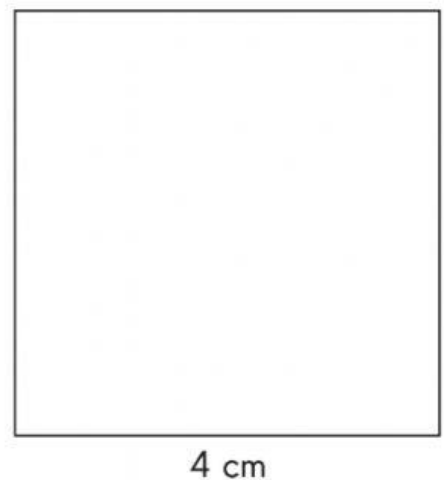
### Question 3: Simple Word Problems

(10 marks)

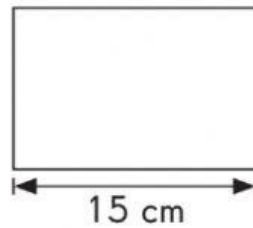
Mr. Carlson has a garden with these sides. He wants to put a fence around his garden. Find the length of fencing he needs.



Sharon has a square piece of paper that has a side length of 4 centimeters. What is the perimeter of the piece of paper?



The length of a rectangle is 15 centimeters and the perimeter is 54 centimeters.



Explain how to find the width of the rectangle.