

1. Create a polygon with the following set of properties

a) 4 sides  
Regular polygon  
 $P = 16\text{cm}$

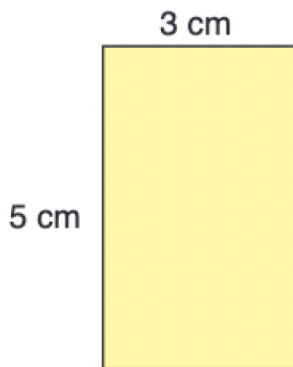
d) 6 sides  
Irregular concave polygon  
 $P = 32\text{ cm}$

b) 8 sides  
Regular convex polygon  
 $P = 24\text{ cm}$

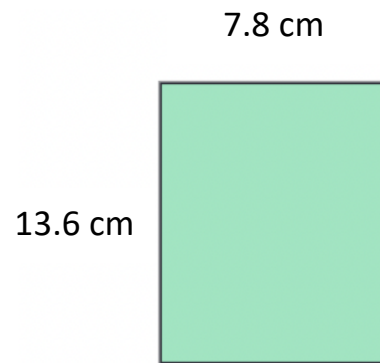
e) 3 sides  
Acute isosceles triangle  
 $P = 20\text{ cm}$

3. Find the **area** and **perimeter** of each rectangle shown below. Be sure to include the units!

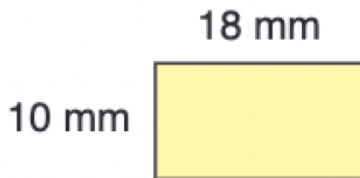
a)



d)



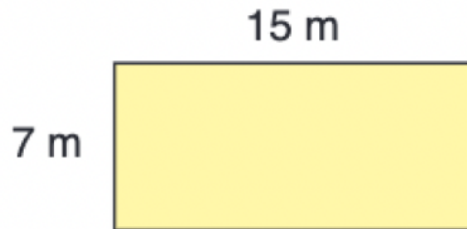
b)



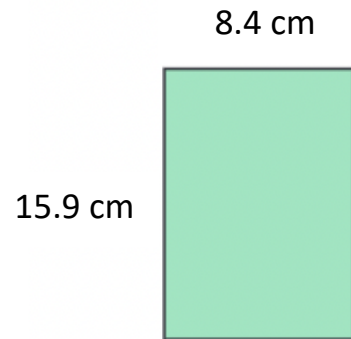
e)



c)



f)



4. Copy the chart below on to your lined piece of paper and fill in the missing values.

Rectangle	Length (cm)	Width (cm)	Perimeter (cm)	Area (cm <sup>2</sup> )
A	4 cm	7 cm		
B	5 cm	8 cm		
C	3.3 cm	5.7 cm		
D	7.5 cm	9.5 cm		
E	5.5 cm	4.3 cm		
F	6.8 cm	9.2 cm		
G	14.4 cm	7.3 cm		