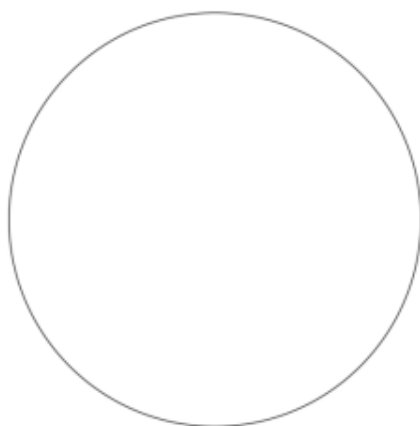


# Class/Homework

6. A glass has a circular base with radius 3.5 cm.  
A rectangular tray has dimensions 40 cm by 25 cm.  
How many glasses will fit on the tray?  
What assumptions did you make?

1.  a) Mark the centre, a radius, and a diameter of the circle below.  
 b) Measure the circumference of the circle.  
Explain how you found your answer.  
 c) Measure the radius and diameter of the circle.

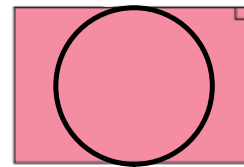


2) Fill in the chart

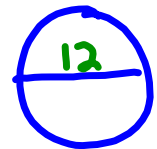
	Radius	Diameter
a)		4.6 cm
b)	7.5 cm	
c)	21 cm	
d)	80 cm	
e)		23 cm

If they already did #5 & 6 the other day

3) A circular tabletop is to be cut from a rectangular piece of wood that measures 2.4 m by 1.6 m. What is the radius of the largest tabletop that could be cut? Justify your answer. Include a sketch

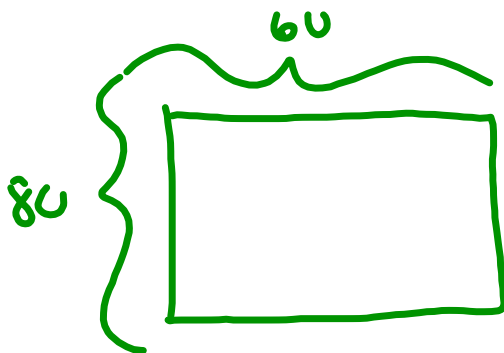


4) A glass has a circular base with radius 6 cm.



A rectangular tray has dimensions 60 cm by 80 cm.

How many glasses will fit on the tray? (Show work)



$$60 \div 12$$

$$80 \div 12$$

## Attachments

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Unit 4 Circles Extra practice 1 for unit 4\_1.pdf