

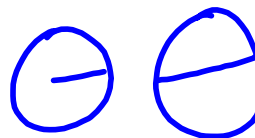
Class Homework

$$d = 2r$$

$$r = \frac{d}{2}$$

1) Sketch a circle with the following radius

- a) 6 cm b) 8 cm



Label the radius then find the diameter

$$d = 2r$$

$2(6)$
 12 cm

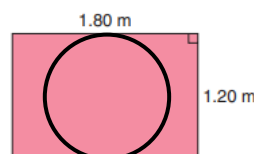
$$d =$$

2) Fill in the chart

Radius	Diameter
a)	3.8 cm
b) 7.5 cm	
c) 21 cm	
d) 80 cm	
e)	23 cm

$$r = \frac{d}{2} = \frac{3.8}{2}$$

3) A circular tabletop is to be cut from a rectangular piece of wood that measures 1.20 m by 1.80 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 3.5 cm.
A rectangular tray has dimensions 40 cm by 25 cm.
How many glasses will fit on the tray? (Show work)

Attachments

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