Red Challenge:

1) For each circle, find the **circumference, radius** and **diameter.**

a) 18cm 8cm 4cm

b) 50cm 36cm 18cm

c) 3m 1m 0.5m
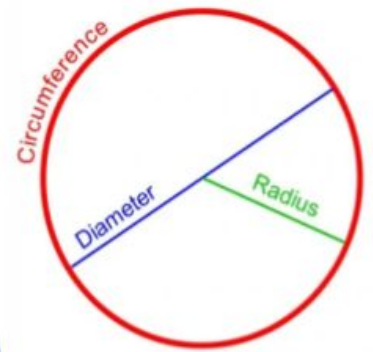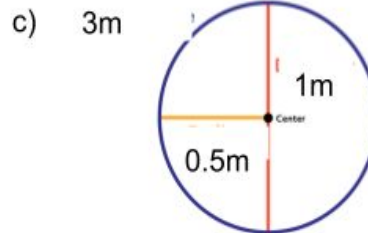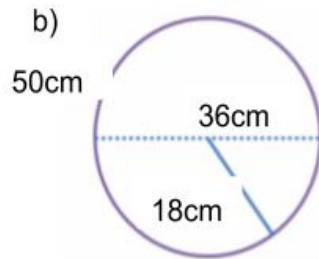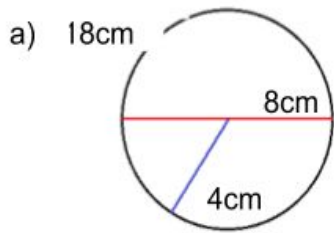
2) If the **diameter** is always double the **radius**, what is the diameter of these circles?
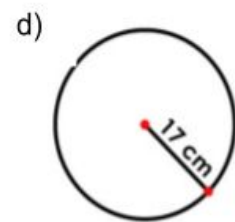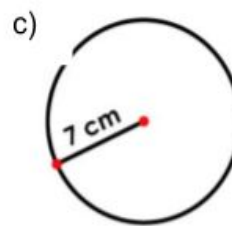
a. 5 mm

b) 9 m

c) 7 cm

d) 17 cm
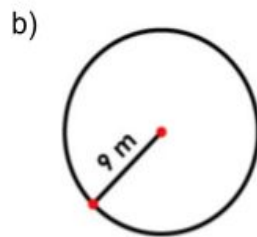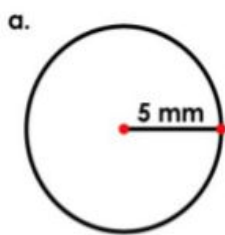
Yellow Challenge:

1) For each circle, find the **radius** and **diameter**.

a.

5 mm

b.

12 cm

c.

9 m

d.

16 km
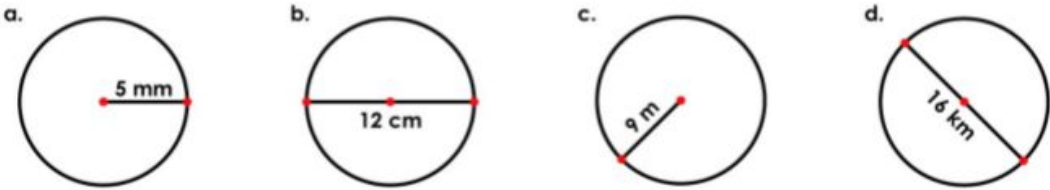
2) Copy and complete the table.

Radius	Diameter
5.5cm	
	13cm
3.75cm	

3)If the rectangle is 15cm long, what is the radius of each circle?
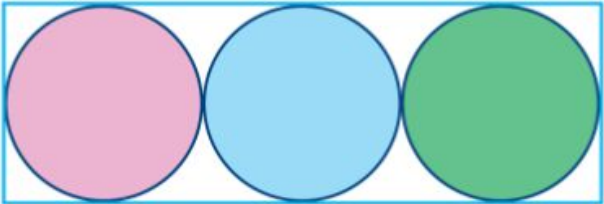
Green Challenge:

1) Find the **radius (r)** and **diameter (d)** of each cake.

B
D = 4.5cm

D
R = 2cm

A
R = 2.25cm

C
D = 3.5cm

E
R = 3cm

F
R = 1.75cm

2) How could you group the pancakes so that they fit side by side in two boxes that are 13cm long?

3) Copy and complete the table.

Radius	Diameter
26 cm	
	37 mm
2.55 m	
	99 cm
	19.36 cm

4) What is the area of the triangle?

C

5cm