

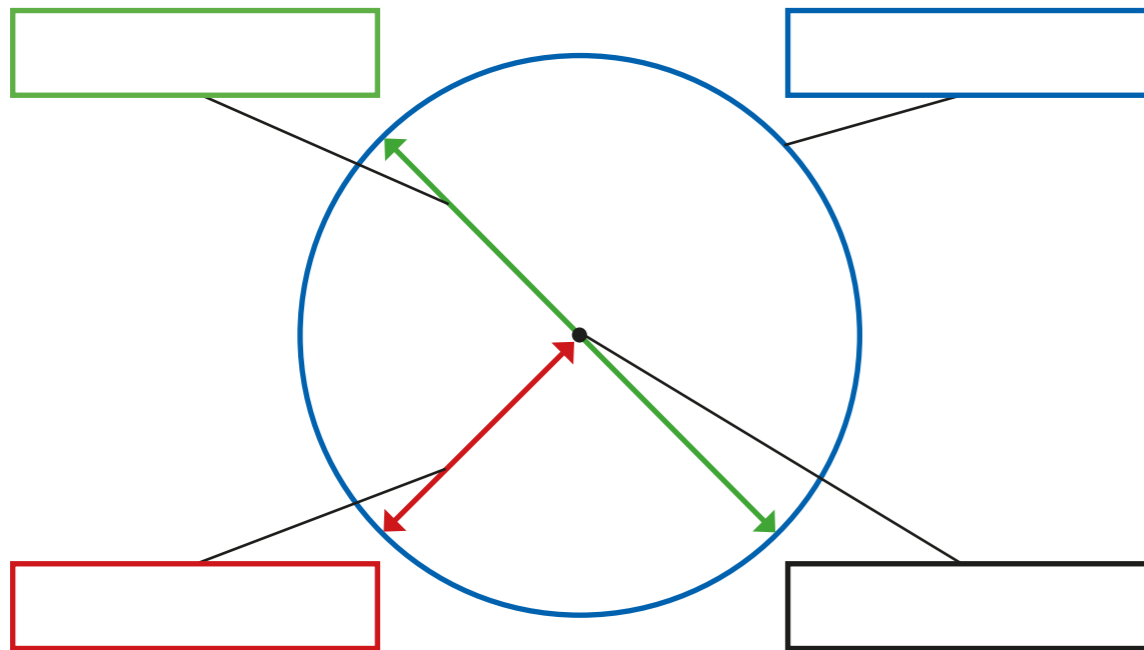
1 Use the words to label the parts of the circle.

radius

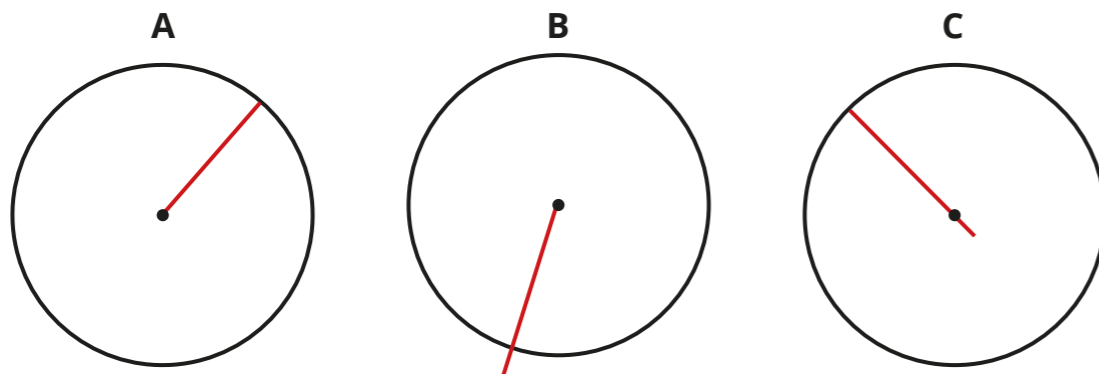
diameter

circumference

centre



2 The radius has been marked on each circle.

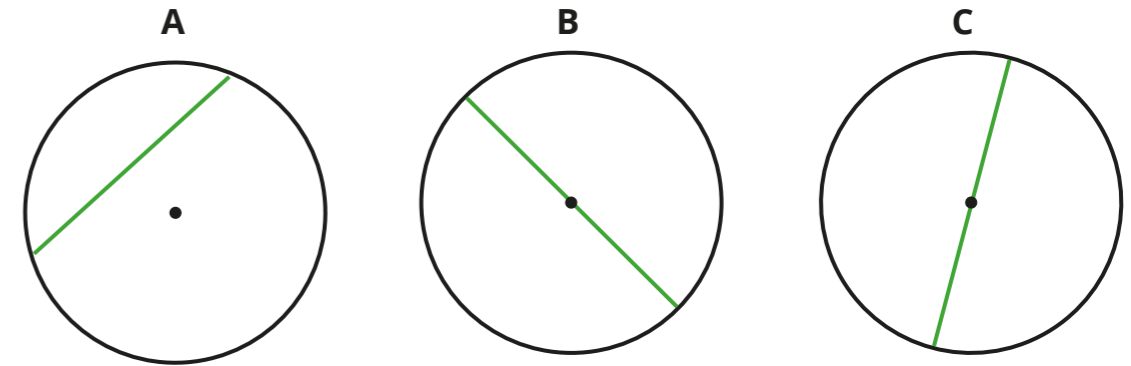


Is the statement true or false?

Explain your answer.



3 The diameter has been marked on each circle.



Is the statement true or false?

Explain your answer.

4



I know that the radius of a circle is 12 cm, so the diameter must be 6 cm.

Do you agree with Max? _____

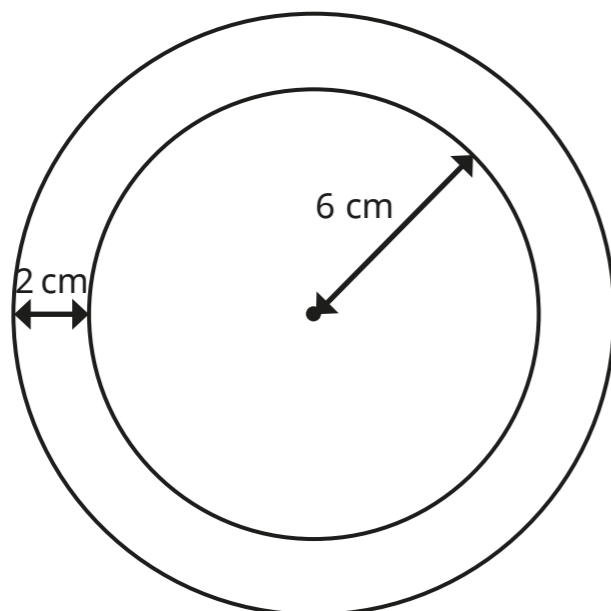
Explain your answer.

5 Complete the table.

Radius	Diameter
4 cm	
	12 m
	9 mm
3.5 km	
	12.6 cm



- 6 The two circles have the same centre.



Complete the sentences.

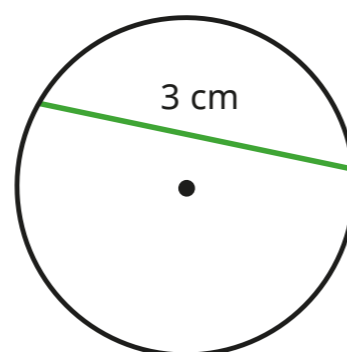
The radius of the inner circle is

The diameter of the inner circle is

The radius of the outer circle is

The diameter of the outer circle is

- 7 Annie thinks that she has accurately measured and labelled the diameter of the circle.



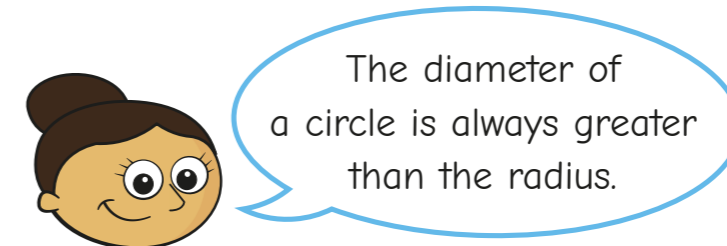
- a) Is Annie correct? _____

Explain your answer.

- b) Is the diameter greater or less than 3 cm?

Explain how you know.

- 8



Is Dora correct? _____

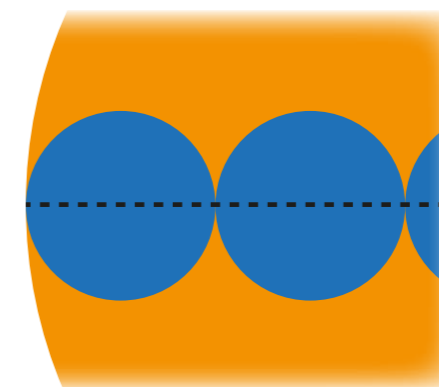
Explain your answer.

- 9

Filip has a large circle with a diameter of 20 cm.

He also has several smaller circles with a radius of 2 cm.

He places the small circles along the diameter of the larger circle as shown.



How many small circles will fit across the larger circle?

