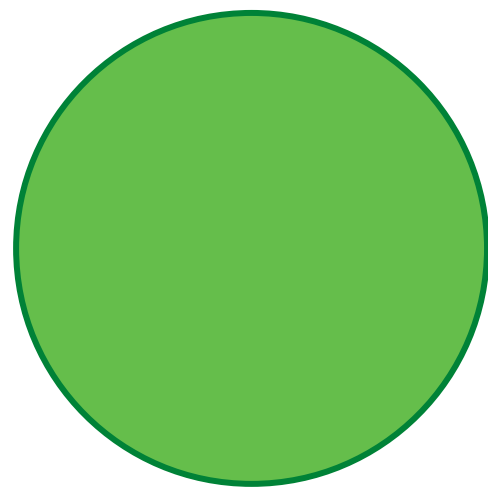


Parts of a circle



Try this

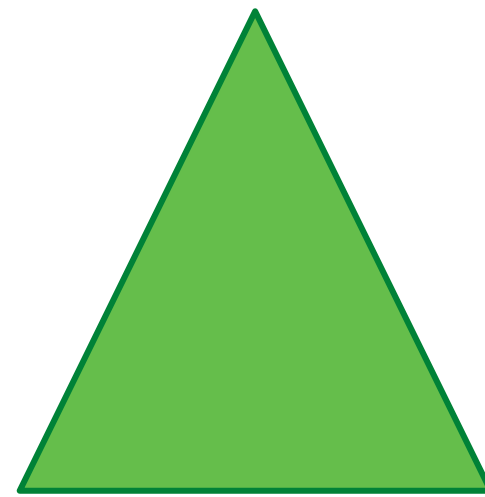
Use the words in the boxes to describe what is the same and what is different?



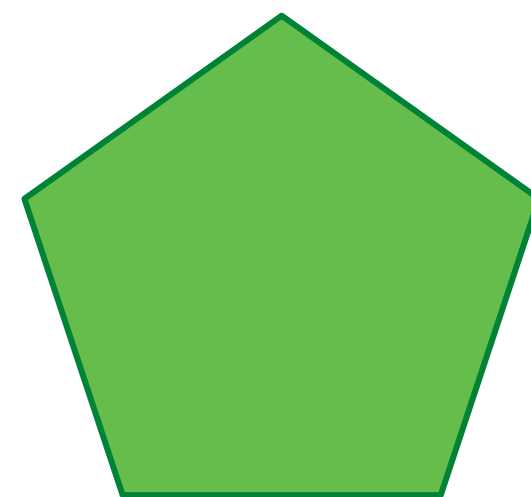
Edges and
Vertices



Lines of
symmetry

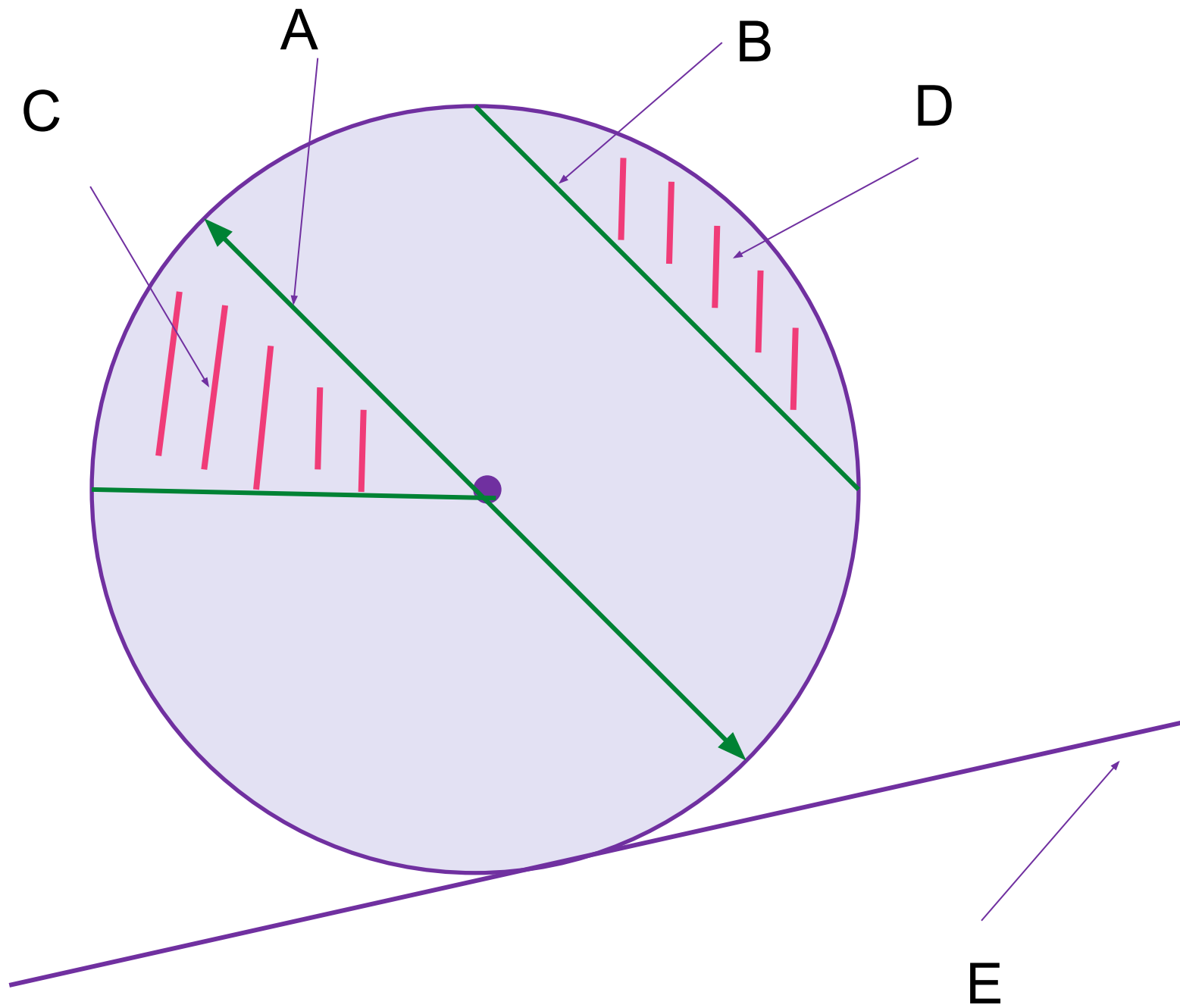


Rotational
symmetry



Independent task

1) Label the parts of a circle.



A:

B:

C:

D:

E:



Independent task

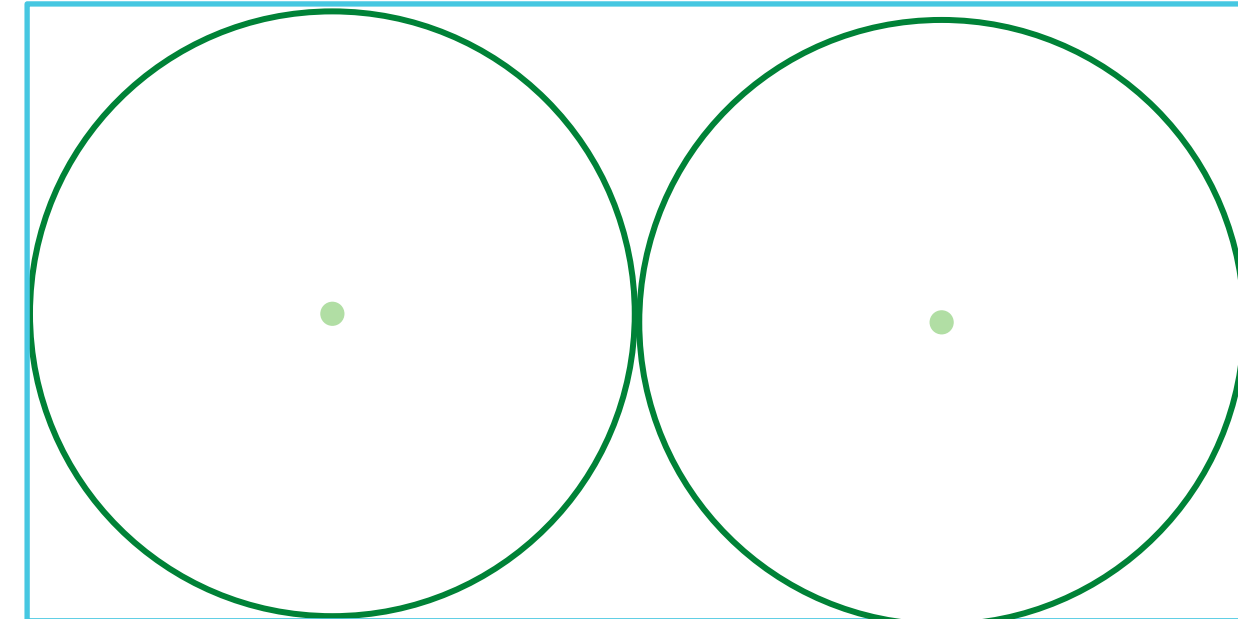
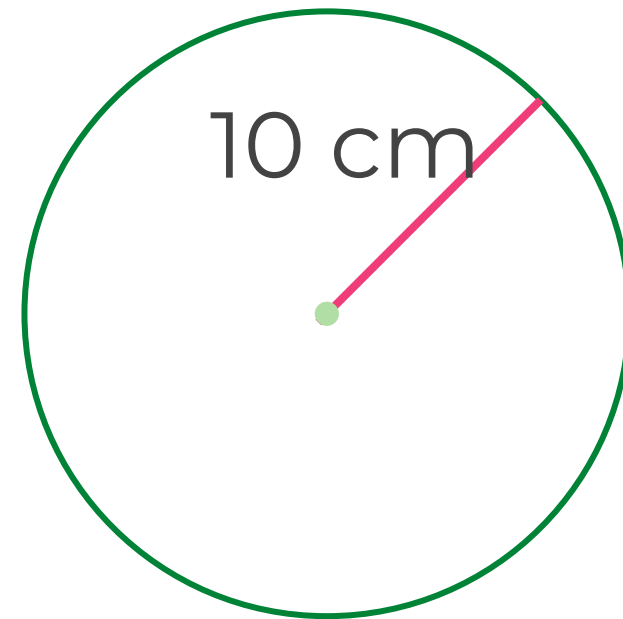
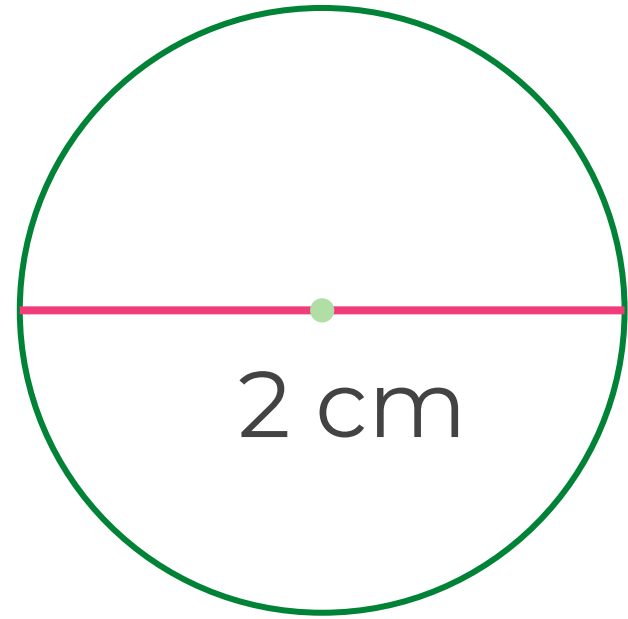
2)

- a) How is a chord different from the diameter?
- b) How is a sector different from a segment.
- c) How many times does a tangent touch the circle?
- d) A chord is always smaller than the diameter? True or false?

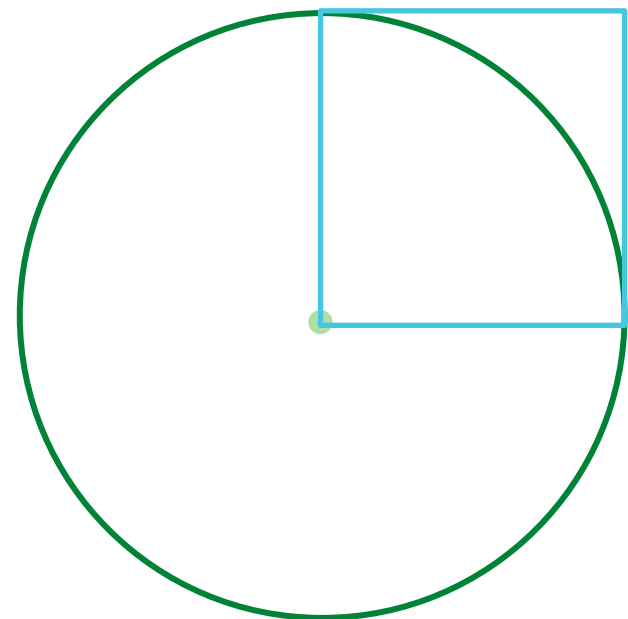


Independent task

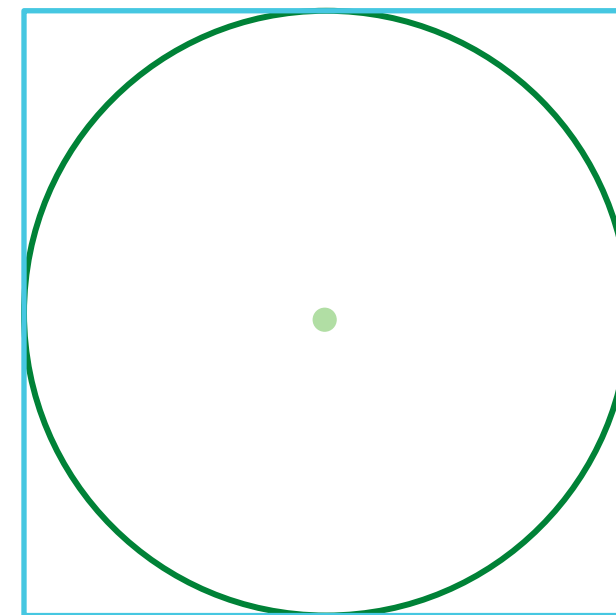
3) For each question find the length of the radius and diameter.



24cm



Area of square
= 36 cm^2



Perimeter of
square = 36cm



Explore

Three identical circles fit exactly inside a rectangle with length 72cm.

How many missing distances can you find?

