

Activity 6 - π in everyday life

Measure the circumference and diameter of the objects using a sewing thread. Then, complete the table below to see the relationship between the circumference and the diameter for circular objects.

objects	circumference	diameter	range	circumference/diameter
plates				
glasses				
cans				

What can you see in the last column?

Activity 7 - π in history

What will you do?

You have to solve one of the problems of Rhind's Egyptian papyrus (n. 50) to discover pi.

Text of the problem:

Knowing that 1 Khet is the Egyptian unit of measurement and that it is equivalent to 50 m, knowing the area of the circular field that corresponds to about 64 Khet and its diameter that is equivalent to 9 Khet, find the value of Pi.



Date:

Unknown:

Development:

What did you find through the problem of Rhind's Egyptian papyrus problem?