



EDUCATIONAL TOOLKIT AND TOOLBOX: CRITICAL AND INNOVATIVE THINKING SKILLS WORKSHOP WORKSHEET



**Co-funded by
the European Union**

The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union.



WHAT IS THE CIRCUMFERENCE OF THE BALL?

Measure *as accurately as possible* the circumference of the ball, using the tools provided:



A BUCKET WITH WATER

The bucket is marked to indicate the volume of its content.

The ball fits in the bucket.



A FLASHLIGHT



TWO TRIANGLE METERS

The meters' height is less than the ball



A PIECE OF STRING

The string is shorter than the circumference of the ball





Write the ways you thought of using to measure the circumference. Then decide which way you believe is the optimum.

Option 1

Option 2

Option 3





Option 4

Which way do you think is the best one and why?



Co-funded by
the European Union

The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union.