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Computer Algebra and Dynamic Geometry Systems  
in Mathematics Education  
Faculty of Sciences, University of Novi Sad

# Interactive course of secondary school mathematics by using GeoGebra

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# The presence of computers in teaching of mathematics

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## Quantitative research

- the aims of the research

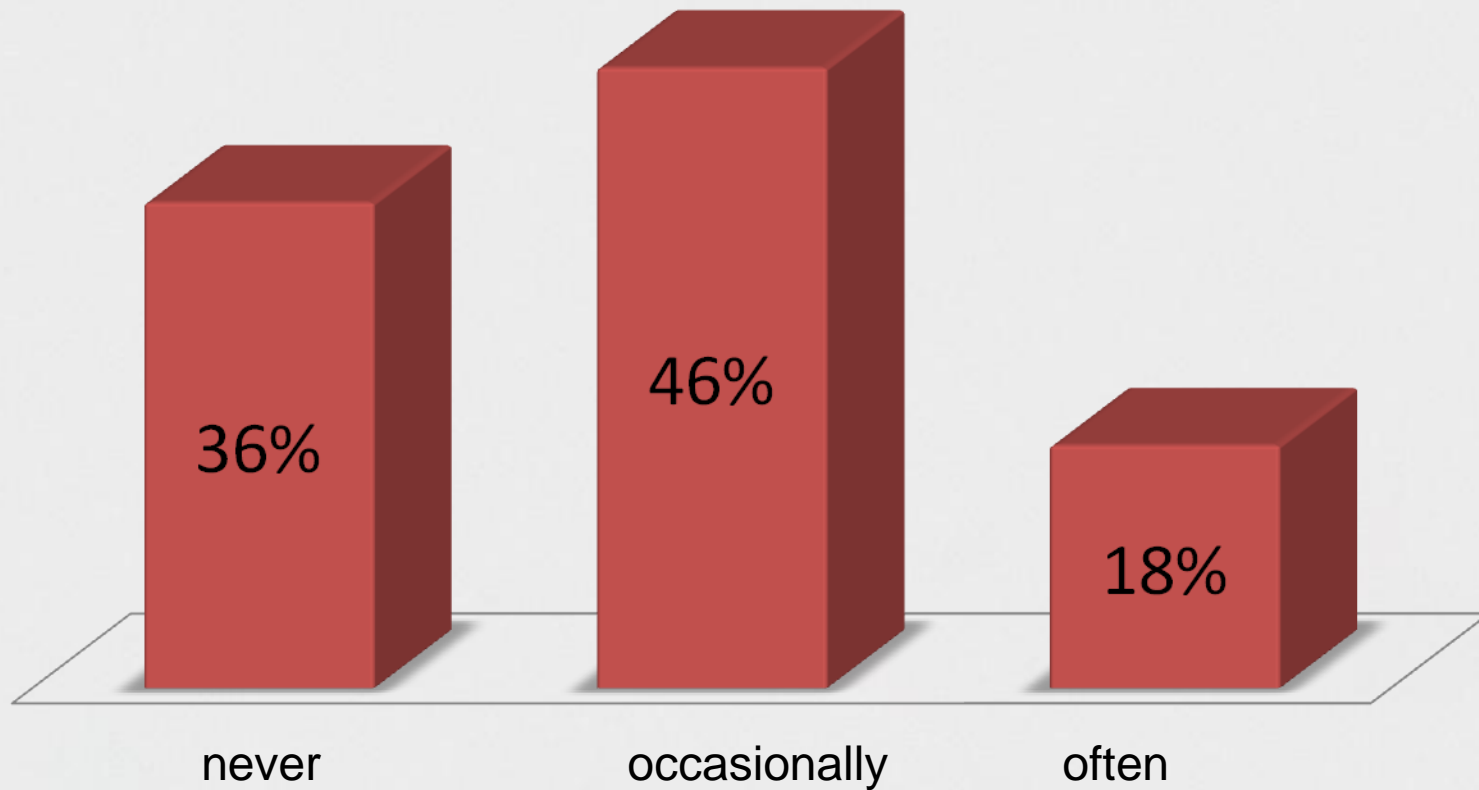
## Qualitative research

- the aims of the research

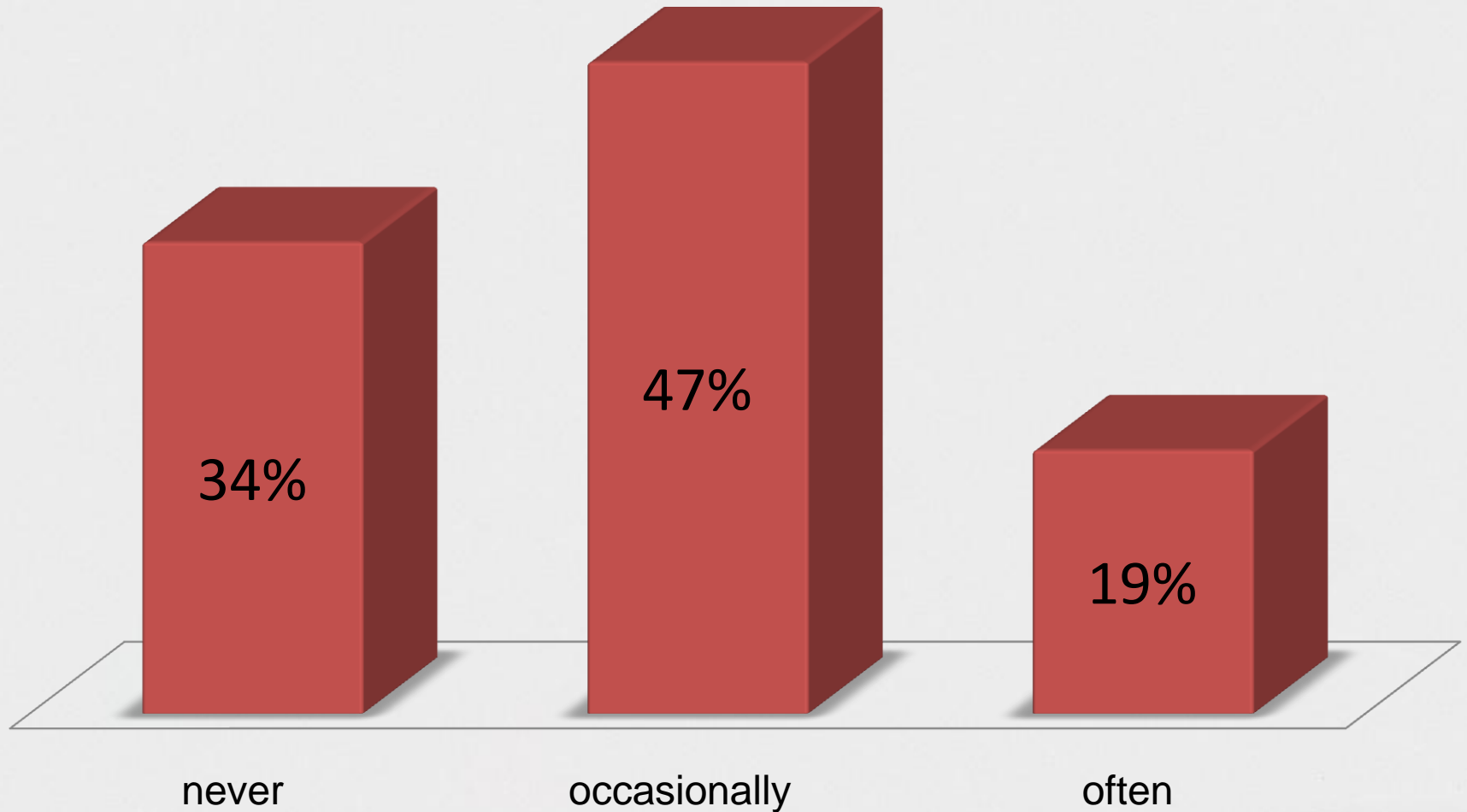
## Research results

## I use a computer in teaching:

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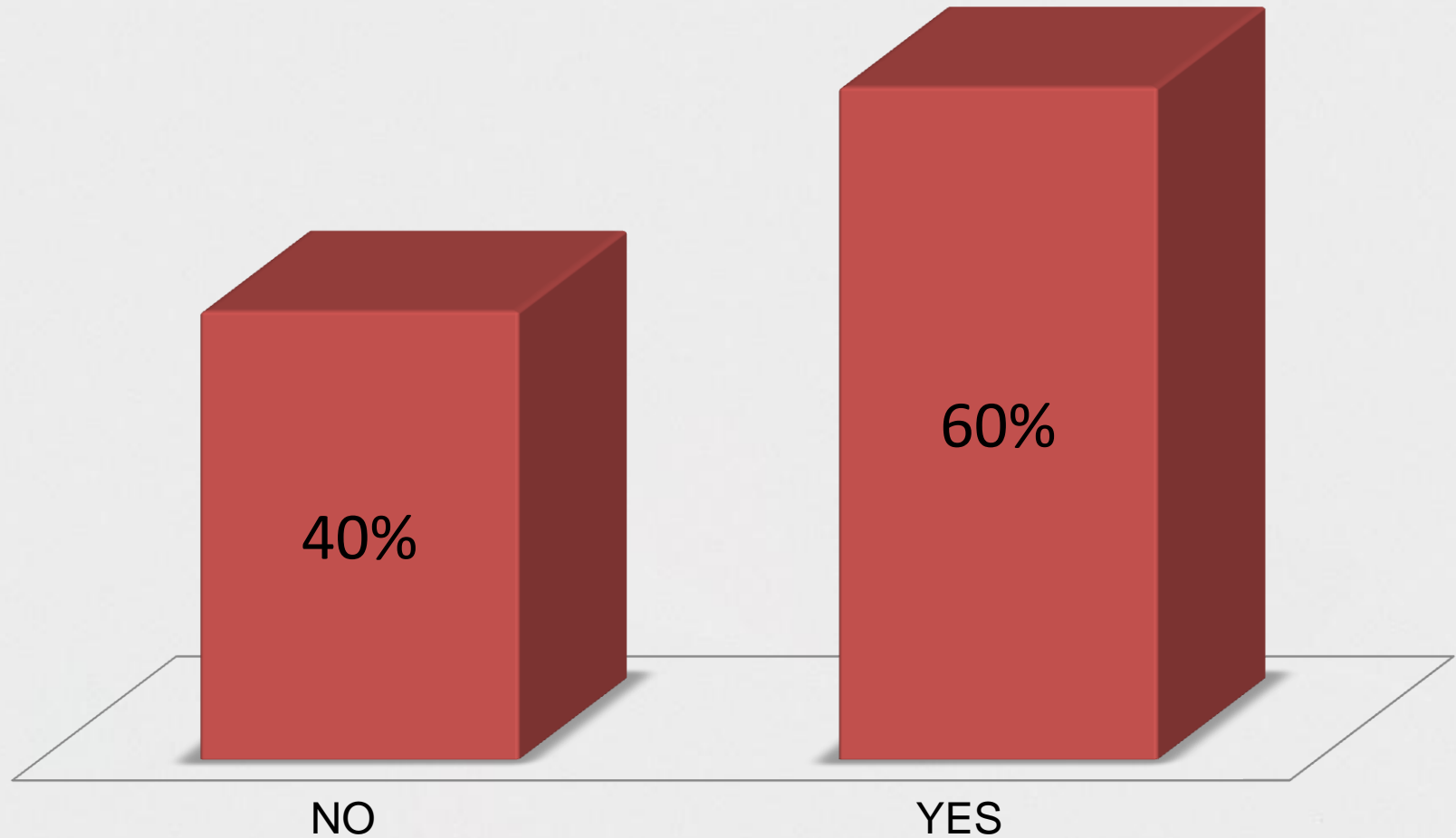


# I give homework which need the usage of computers:



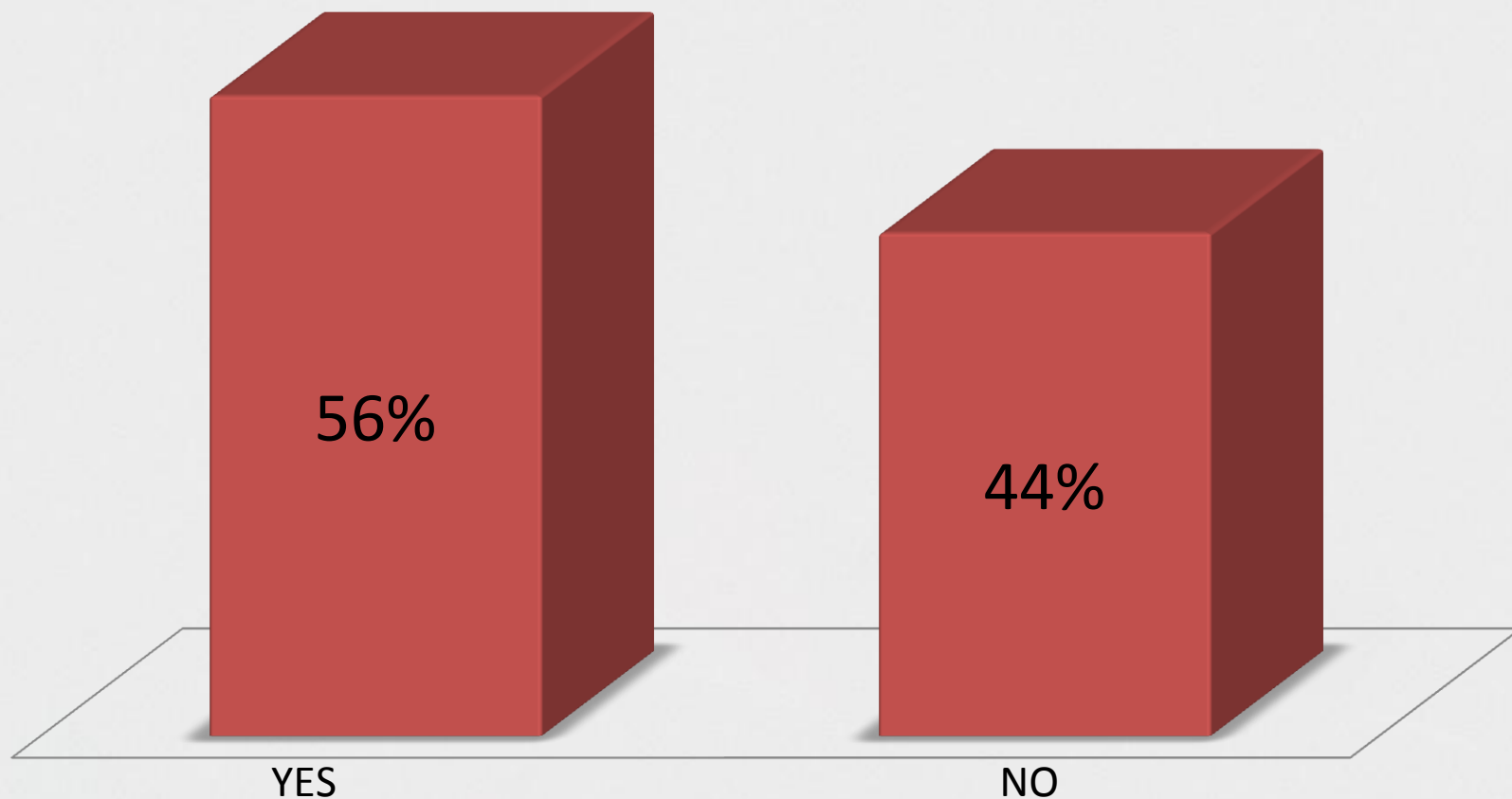
# There are technical possibilities for using computers in my school:

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# I would like to use computers in teaching more often :

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# Qualitative research:

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- Results:

# Derivative of a function

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- Geogebra

- GeoGebra Center Belgrade

<http://geogebra.matf.bg.ac.rs/>

<http://alas.matf.bg.ac.rs/~ml06095/master/>



# Derivative of a function

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## Derivative

- $\sin x$

- $\ln x$

- $\cos x$

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Thank you for your attention.  
Questions?

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