

# MATEMATIKA ONLINE

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**Kategorija:** Podučavanje  
**Lokacija:** Beograd (Srbija)

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The collage contains several mathematical topics:

- Afina funkcija:**  $f: \mathbb{R} \rightarrow \mathbb{R}$ ,  $f(x) = ax + b$ ,  $a \neq 0$ . Includes a graph of a line with slope  $a > 0$  and  $a < 0$ .
- Konstantna funkcija:**  $f: \mathbb{R} \rightarrow \mathbb{R}$ ,  $f(x) = c$ ,  $\forall x \in \mathbb{R}$ . Includes a graph of a horizontal line.
- Apsolutna vrijednost realnog broja:**  $|x|: \mathbb{R} \rightarrow \mathbb{R}^+$ . Includes a graph of the absolute value function and properties:  $|a+b| \leq |a| + |b|$ ,  $|ab| = |a| \cdot |b|$ ,  $|\frac{a}{b}| = \frac{|a|}{|b|}$ .
- Trigonometrija:**  $\sin^2 t + \cos^2 t = 1$ ,  $\operatorname{tg} t = \frac{\sin t}{\cos t}$ ,  $\operatorname{ctg} t = \frac{1}{\operatorname{tg} t}$ . Includes a unit circle diagram and graphs of  $y = \sin x$  and  $y = \cos x$ .
- Trigonometrijski tabeli:** A table of values for  $\sin x$ ,  $\cos x$ ,  $\operatorname{tg} x$ , and  $\operatorname{ctg} x$  at various angles.
- Eksponencijalna funkcija:**  $f: \mathbb{R} \rightarrow \mathbb{R}^+$ ,  $f(x) = a^x$ ,  $a > 0$ ,  $a \neq 1$ . Includes a graph of  $y = a^x$ .
- Logaritamska funkcija:**  $f: \mathbb{R}^+ \rightarrow \mathbb{R}$ ,  $f(x) = \log_a x$ ,  $a > 0$ ,  $a \neq 1$ . Includes a graph of  $y = \log_a x$ .
- Trigonometrijske identitete:**  $\sin(\frac{\pi}{2} - x) = \cos x$ ,  $\cos(\frac{\pi}{2} - x) = \sin x$ ,  $\sin(\frac{\pi}{2} + x) = \cos x$ ,  $\cos(\frac{\pi}{2} + x) = -\sin x$ ,  $\sin(\pi - x) = \sin x$ ,  $\cos(\pi - x) = -\cos x$ ,  $\sin(\pi + x) = -\sin x$ ,  $\cos(\pi + x) = -\cos x$ ,  $\sin(\frac{3\pi}{2} - x) = -\cos x$ ,  $\sin(2\pi - x) = -\sin x$ .

Dodatne informacije:

Tekst oglasa:

Dajem časove matematike online (osnovna, srednja, fakultet), radim zadatke (domaći, kontrolni, pismeni, kolokvijum), spremam za prijemni (fakultet, srednja, mala matura, avgust), cena po dogovoru. VIBER +381644077837

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