



Warning: The interactivity in this PDF file is enabled by Javascript. For full functionality you have to use the Javascript capable PDF browser. Currently only Adobe Reader is available.

LIMITS O

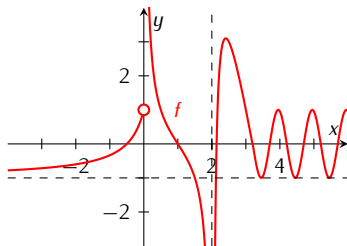


TABLE-SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.



The figure shows a graph of a function f . Mark the true values of the given limits of f .



$$f(x) = \begin{cases} -\frac{1}{x - \frac{1}{2}} - 1; & x < 0 \\ \cotg\left(\pi\frac{x}{2}\right); & 0 \leq x < 2 \\ -\frac{1}{x-2} - 6x + 20; & 2 \leq x < 3.2 \\ \sin(2\pi(x + 0.3)) & x \geq 3.2 \end{cases}$$

	$-\infty$	-1	0	1	∞	does not exist
1. $\lim_{x \rightarrow 1} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. $\lim_{x \rightarrow 0^-} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. $\lim_{x \rightarrow 0^+} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. $\lim_{x \rightarrow 0} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. $\lim_{x \rightarrow 2} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. $\lim_{x \rightarrow -\infty} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. $\lim_{x \rightarrow \infty} f(x)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

