



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.

ANALYZING INTERVALS

TABLE-SELECTION GAME

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



Consider the function

$$f(x) = \frac{x^4 - 6x^2}{4}.$$

In the table, mark all of the true properties of f on the given intervals.

		increasing	decreasing	concave up	concave down	none of these
1.	$(0; 1)$	<input type="checkbox"/>				
2.	$\left(-\frac{3}{2}; 0\right)$	<input type="checkbox"/>				
3.	$(1; 3)$	<input type="checkbox"/>				
4.	$(-2; 0)$	<input type="checkbox"/>				
5.	$\left(-\frac{1}{2}; 0\right)$	<input type="checkbox"/>				
6.	$\left(1; \frac{3}{2}\right)$	<input type="checkbox"/>				
7.	$\left(-1; \frac{1}{2}\right)$	<input type="checkbox"/>				

