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EXPONENTS AND POWERS CASE

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.



In the table, indicate for which values of the real parameter a the given inequality is satisfied.

	$a < 0$	$0 < a < 1$	$a > 1$
1. $a^2 < a^3$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. $a^{-6} \geq a^{-4}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. $a^2 > a^{-4}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. $a^{0.4} < a^{0.7}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. $a^{-0.6} \geq a^{-0.4}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. $a^{\sqrt{2}} > a^{\sqrt{3}}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. $a^{-4} > a^{-\frac{1}{4}}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. $a^{\sqrt{3}+2} < a^{1-\sqrt{2}}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

