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COMMO[illegible]IC SERIES

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.

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In each line of the table, mark the interval to which the common ratio of the given infinite geometric series belongs.

		$(-\infty; -1)$	$(-1; 1)$	$(1; \infty)$
1.	$\sum_{n=1}^{\infty} \left(\frac{1}{3}\right)^{1-n}$	☐	☐	☐
2.	$\sum_{n=1}^{\infty} (-1)^n \cdot 3^{n-1}$	☐	☐	☐
3.	$\sum_{n=1}^{\infty} \left(\frac{1}{3}\right)^{n-2}$	☐	☐	☐
4.	$\sum_{n=1}^{\infty} (-1)^n \cdot \left(\frac{1}{3}\right)^{2-n}$	☐	☐	☐
5.	$\sum_{n=1}^{\infty} 3^{4-n}$	☐	☐	☐
6.	$\sum_{n=1}^{\infty} 3^{n+2}$	☐	☐	☐
7.	$\sum_{n=1}^{\infty} \left(-\frac{2}{3}\right)^{n} \cdot 3^{n}$	☐	☐	☐