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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.





Given the limits of sequences, decide for each limit whether its value is $0, \infty, -\infty$ or a real number $k, k \neq 0$.

$$1. \qquad \lim_{n \to \infty} \frac{n^3 + 2n}{n^2 - 1}$$

$$\infty$$

$$-\infty$$

3.
$$\lim_{n \to \infty} \frac{-2n^2 + n}{n^2 - 1}$$

$$4. \qquad \lim_{n \to \infty} \frac{n^3 - 2n}{-n^2 + 1}$$

5.
$$\lim_{n \to \infty} \frac{-5n^5 - 4n^4}{6n^6 + 3n^3}$$

6.
$$\lim_{n\to\infty} \frac{n}{n+40}$$



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г	\neg	
	- 1	
	- 1	
_	_	

$$7. \qquad \lim_{n \to \infty} \frac{-2n^2 - n}{n + 5}$$

$$\lim_{n \to \infty} \frac{n^3 + n^2 + n + 1}{2n^2 + 2n + 2}$$

