

Oefening limieten 2

1. $\lim_{n \rightarrow \infty} n \cdot \sin\left(\frac{1}{n}\right) =$

2. $\lim_{n \rightarrow \infty} \frac{3 \cos^2 n}{\sqrt{n}} =$

3. $\lim_{n \rightarrow \infty} (\sqrt{2n+5} - \sqrt{2n-3}) =$

4. $\lim_{n \rightarrow \infty} (-2)^n =$

5. $\lim_{n \rightarrow \infty} \frac{(-1)^n}{n} =$

6. $\lim_{n \rightarrow \infty} \frac{n^2 + 7}{n^3} =$

7. $\lim_{n \rightarrow \infty} \frac{n^4 - 4}{n^3} =$

8. $\lim_{n \rightarrow \infty} \sqrt{\frac{2n+2}{n-3}} =$

9. $\lim_{n \rightarrow \infty} \frac{2n+1}{\sqrt{n^2+n-3}} =$

10. $\lim_{n \rightarrow \infty} \frac{2-5n}{\sqrt{n^2-1}} =$