

x
(<http://www.wolframalpha.com/pro?>

src=pro-banner-5)

cos ((n - 1)x) - cos ((n + 1)x) - 2 sin (n x) sin (x)

☰ Examples (<http://www.wolframalpha.com/examples/?src=input>) ⚙ Random

Input:

cos((n - 1) x) - cos((n + 1) x) - 2 sin(n x) sin(x)

Enlarge | Data | Customize | **A** Plaintext | Interactive

Result:

0

Ⓜ Download page

POWERED BY THE WOLFRAM LANGUAGE (<http://WWW.WOLFRAM.COM/LANGUAGE/>)



Standard computation time exceeded...

[Try again with additional computation time »](#)

Related Queries:

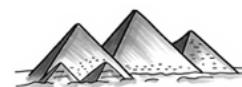
- = maximize cos((n-1) x)-cos((n+1) x)-2 sin(...)
- = analyze <https://pbs.twimg.com/media/Aq...>
- = wages singer vs model vs mathematician...
- = handwritten style d/dx (cos((n(x)-1) x)-co...
- = Higgs boson decay



Take the Tour >>

(<http://www.wolframalpha.com/tour-is-wolframalpha.html>)

(<http://www.wolframalpha.com/e>



Did you know you can also use Wolfram|Alpha for computational geography? >>



Take Wolfram|Alpha anywhere...



(<http://products.wolframalpha.com>



(<http://www.wolframalpha.com>



(//products.wolframalph:

Give us your feedback:

[Pro](http://www.wolframalpha.com/pro/?src=footer) |

[Mobile Apps](http://products.wolframalpha.com/mobile/) |

[Products](http://products.wolframalpha.com/) |

[Business Solutions](http://products.wolframalpha.com/business/) |







[For Developers](http://products.wolframalpha.com/developers/) |

[About](http://www.wolframalpha.com/about.html)

[Resources & Tools](http://www.wolframalpha.com/resources/) |

[Blog](http://blog.wolfram.com/category/wolframalpha/) |

[Community](http://community.wolframalpha.com/) |

[Contact](http://www.wolframalpha.com/contact.html) | Connect      

[\(//www.wolframalpha.com/social/\)](http://www.wolframalpha.com/social/)

©2016 Wolfram Alpha LLC |

[Terms](#)

[\(/www.wolframalpha.com/termsfuse.html\)](http://www.wolframalpha.com/termsfuse.html) |

[Privacy](#)

[\(/www.wolframalpha.com/privacypolicy.html\)](http://www.wolframalpha.com/privacypolicy.html)



WOLFRAM (<http://www.wolfram.com>) [wolfram.com](http://www.wolfram.com/) | [Mathematica](http://www.wolfram.com/mathematica/) |

[Wolfram Demonstrations](http://demonstrations.wolfram.com/) | [MathWorld](http://mathworld.wolfram.com/) | [Wolfram Language](http://www.wolfram.com/language/) |

[Wolfram for Education](http://www.wolfram.com/education/)