

Zadanie 1. a)

plot $\cos(x^2) - 2\sin(x^3)$

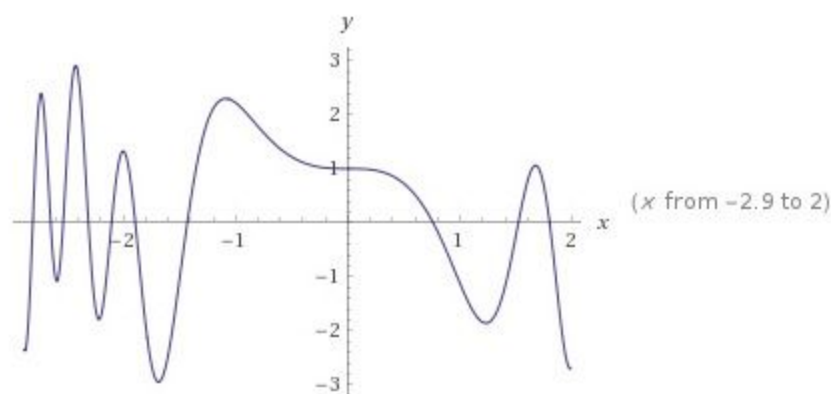


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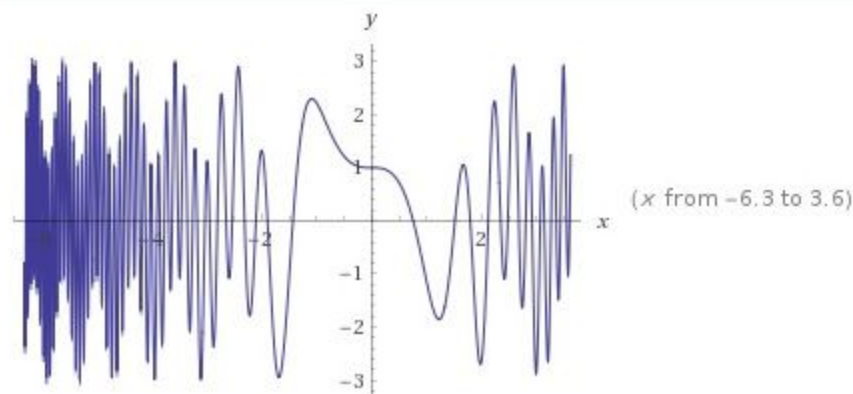
Input interpretation:

plot $\cos(x^2) - 2\sin(x^3)$

Plots:



Open code 



derivate $x^3 - x^2 + 5x$ [Browse Examples](#) [Surprise Me](#)

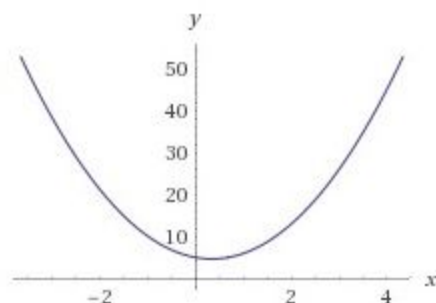
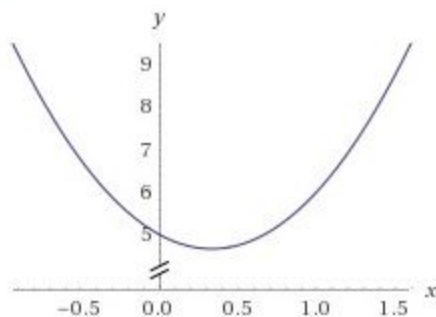
Derivative:

☒ Step-by-step solution

$$\frac{d}{dx}(x^3 - x^2 + 5x) = 3x^2 - 2x + 5$$

[Open code](#)

Plots:



Geometric figure:

[Properties](#)

parabola

Alternate forms:

[More](#)

Zadanie 1. c)

maximize $[-x^2+5, x]$



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Input interpretation:

maximize

$-x^2+5$

for

x

Open code 

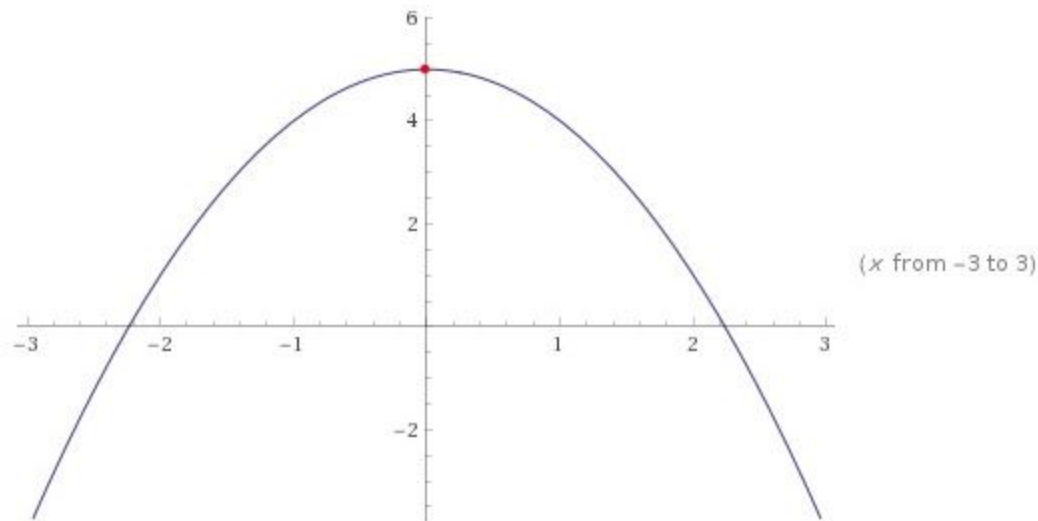
Global maximum:


☒ Step-by-step solution

$\max\{-x^2+5\} = 5$ at $x = 0$



Plot:



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Zadanie 2. a)

base 8 472 to base 2



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Input interpretation:

convert 472_8 to base 2

Result:

Show exponent form

☒ Step-by-step solution

100111010_2

Open code 

Decimal form:

☒ Step-by-step solution

314



Other base conversions:

Show exponent form

Show digit key

More bases

10322_4



222_{12}



$13a_{16}$



Other data types:

Big-endian

More

	hexadecimal value
unsigned 16-bit integer	3a01

Zadanie 2. b)



base 8 153 to base 2

☆ ☰



[Browse Examples](#) [Surprise Me](#)

Input interpretation:

convert 153_8 to base 2

Result:

[Show exponent form](#) [Step-by-step solution](#)

1101011_2

[Open code](#)

Decimal form:

[Step-by-step solution](#)

107



Other base conversions:

[Show exponent form](#) [Show digit key](#) [More bases](#)

1223_4



$8b_{12}$



$6b_{16}$



Other data types:

[Big-endian](#) [More](#)

	hexadecimal value
unsigned 16-bit integer	6b00

Zadanie 2. c)



base 8 544 to base 2

☆ ☰



☰ Browse Examples ⚡ Surprise Me

Input interpretation:

convert 544_8 to base 2

Result:

Show exponent form

☒ Step-by-step solution

101100100_2

Open code ➦

Decimal form:

☒ Step-by-step solution

356



Other base conversions:

Show exponent form

Show digit key

More bases

11210_4



258_{12}



164_{16}



Other data types:

Big-endian

More

	hexadecimal value

Zadanie 2. d)

1101001001 base 2 + 1001 base 2

☆ =



≡

 Browse Examples

↔

 Surprise Me

Assuming "1001 base 2" is a base 2 number | Use "base" as a word or a unit instead

Input interpretation:

$1101001001_2 + 1001_2$

Open code 

Result:

1101010010_2

Show exponent form



Decimal form:

850

☒ Step-by-step solution



Other base conversions:

Show exponent form Show digit key More bases

31102_4



1522_8



$5aa_{12}$



352_{16}



Other data types:

Big-endian More

	hexadecimal value
unsigned 16-bit integer	5203
unsigned 32-bit integer	52030000

5467271 base 8 - 14311 base 8

☆

☰



 Browse Examples  Surprise Me

Assuming "14311 base 8" is a base 8 number | Use "base" as a word or a unit instead
Assuming "5467271 base 8" is a base 8 number | Use "base" as a unit instead

Input interpretation:

$5467271_8 - 14311_8$

Open code 

Result:

Show exponent form

5452760_8



Decimal form:

☒ Step-by-step solution

1 463 792



Other base conversions:

Show exponent form

Show digit key

More digits

More bases

$10110010101011..._2$ (21 digits)



11211113300_4



$5a7128_{12}$



$1655f0_{16}$



Other data types:

Big-endian

More

	hexadecimal value
unsigned 16-bit integer	f055 (overflow: truncated to 16 bits)

Zadanie 3. a)



people born on 15th February



Browse Examples Surprise Me

Assuming "people" is famous people | Use as [people](#) instead

Input interpretation:

notable people born on February 15

Members:

[More](#)

Abdurrahman Dereli | Abe Woodson | Abraham Clark | Abram L. Sachar | Adam Sztaba | Adam Tomasiak | Adolfo Sardina | Alain Sergile | Albert Bessler | Albert C. Gilbert | Albert Marsh | Albert Robbe | Al Braithwood | Aleksandr Aleksandrovich Serebrov | Alexander Wurz | Alexandre-Théodore Brongniart | Alex Borstein | Alex Gonzalez | Alfred Ely | Alfred North Whitehead | ... (total: 602)

Sources

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Related Queries:

- | | |
|--------------------------------|------------------|
| United States founding fathers | Beverly McDonald |
| William Stacy | Jock Hobbs |
| Bonnie and Clyde | |

2nd Tuesday of May 1942



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Input interpretation:

2nd Tuesday of May 1942

Result:

Tuesday, May 12, 1942

Date formats:

[More formats/calendars](#)

1942-05-12 (year-month-day)

Time difference from today (Monday, December 17, 2018):

76 years 7 months 5 days ago

3996 weeks 6 days ago

27978 days ago

76.6 years ago

Time in 1942:

[More](#)

132nd day

20th week

Observances for May 12, 1942 (Poland):

(no official holidays or major observances)

Events on May 12, 1942:

[Show anniversaries](#)

birth of Ian Dury

Zadanie 3. c)



Weronika Goracy in Morse code



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Input interpretation:

Morse code Weronika Goracy

Morse code translation:

W E R O N I K A
G O R A C Y

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