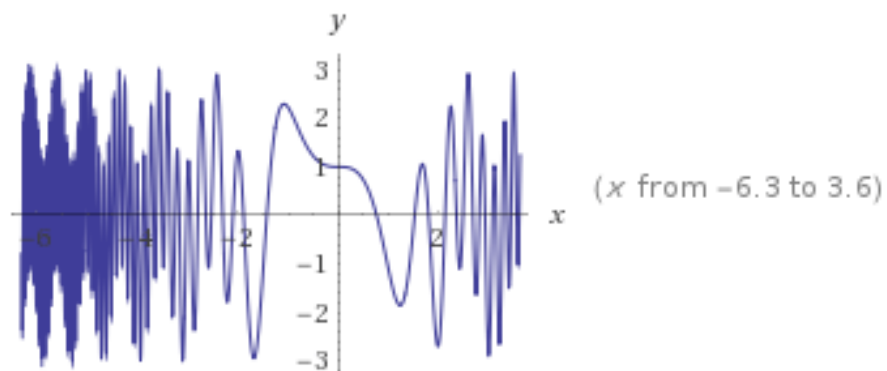
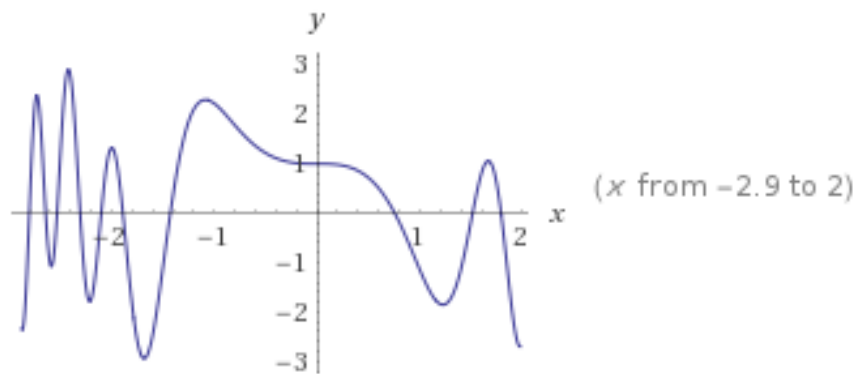


Zad 1.

A)



B)

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

C)

Range:

$$\{y \in \mathbb{R} : y \leq 5\}$$

Zad 2.

- $(472)_8 = 100111010$
- $(153)_8 = 1101011$
- $(544)_8 = 101100100$
- $(1101001001)_2 + (1001)_2 = 850$
- $(5467271)_8 - (14311)_8 = 1476482$

Zad 3.

A)

Events on December 23, 1997:

Show annivers:

Terry Nichols is convicted of manslaughter in the Oklahoma City bombing

Woody Allen marries Soon-Yi Previn

B)

11.5.1942

C)

Morse code translation:

• — — | — — — | • — — — | — • — • | •• | • | — • — • |
W | O | J | C | I | E | C |
•••• | | — • — | •• — | — ••• | •• | • — | — • — |
H | | K | U | B | I | A | K |