

Wieviele Nullstellen hat die Funktion:

Für welche z ist $f(z) = 0$?

$$g(z) := 5z^2 - 3$$

$$0 = 5z^2 - 3$$

2 Nullstellen

$$5z^2 - 3$$

$$5z^2 - 3$$

$$\left(\begin{array}{l} \frac{1}{5} \cdot \sqrt{15} \\ -\frac{1}{5} \cdot \sqrt{15} \end{array} \right)$$

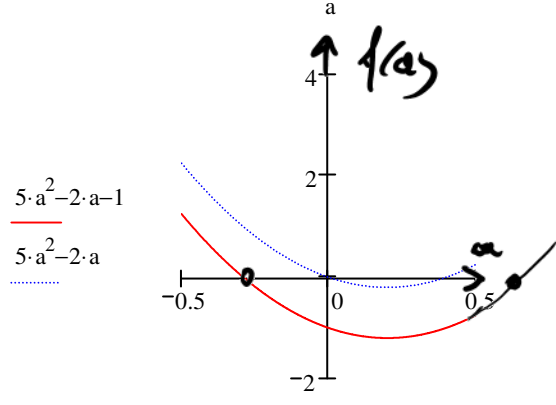
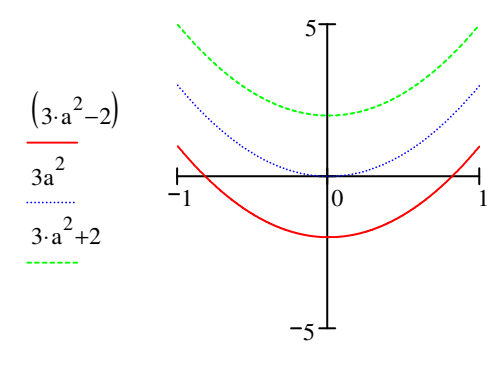
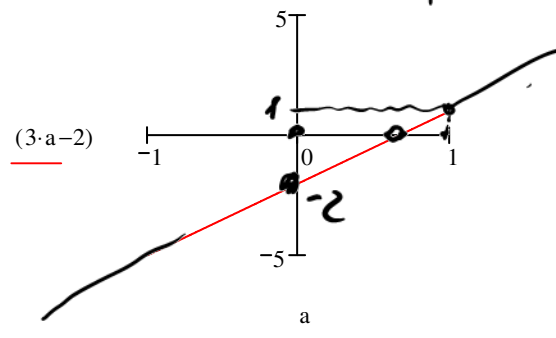
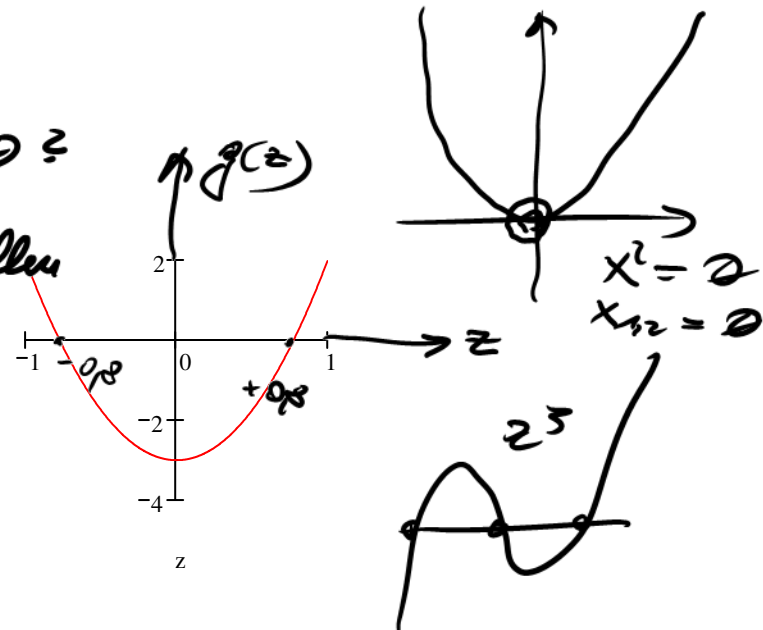
q1

$$f(a) := 3a - 2$$

a	f(a)
1	1 ✓
2	4 ✓
0	-2 ✓

$$f(a) := 3a^2 - 2$$

$$f(a) := 5a^2 - 2a + 1$$



a

$$f(x) := x^3$$

$$\begin{pmatrix} 0 \\ 0 \\ 0 \end{pmatrix}$$

$$f(x) := x^2 + x + 1$$

