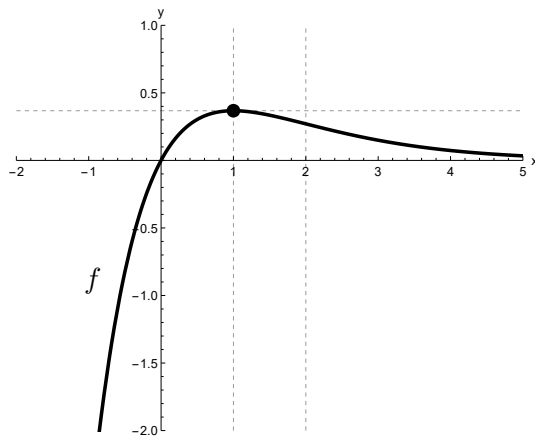


## Výsledky:

- Příklad 1.** a) 0 f) 0 k) 0  
 b) 0 g) 1 l)  $+\infty$   
 c) 0 h) 0 m) 0  
 d) 2 i)  $-\infty$   
 e) -1 j) 0

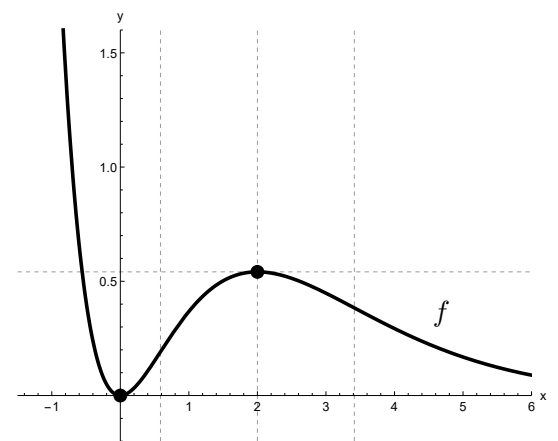
**Příklad 2.** a)  $D(f) = \mathbb{R}$

$$H(f) = \left(-\infty; \frac{1}{e}\right)$$



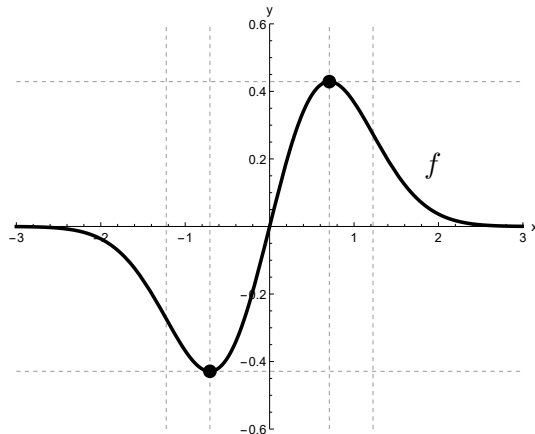
c)  $D(f) = \mathbb{R}$

$$H(f) = \langle 0; +\infty \rangle$$



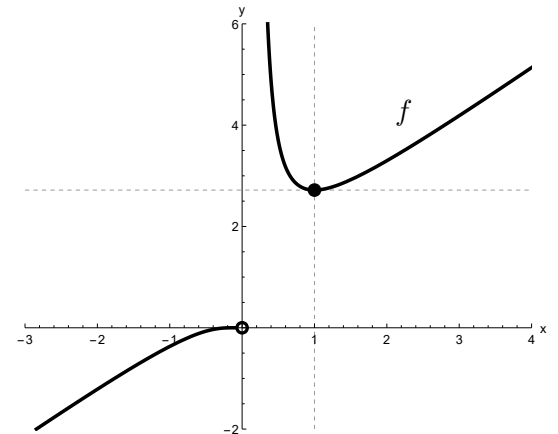
b)  $D(f) = \mathbb{R}$

$$H(f) = \left\langle -\frac{1}{\sqrt{2e}}; \frac{1}{\sqrt{2e}} \right\rangle$$



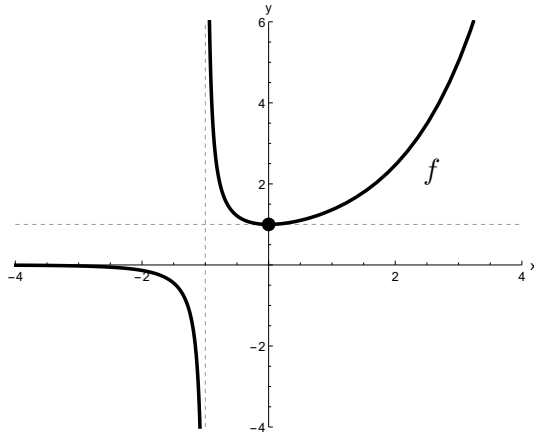
d)  $D(f) = \mathbb{R} \setminus \{0\}$

$$H(f) = (-\infty; 0) \cup \langle e; +\infty \rangle$$

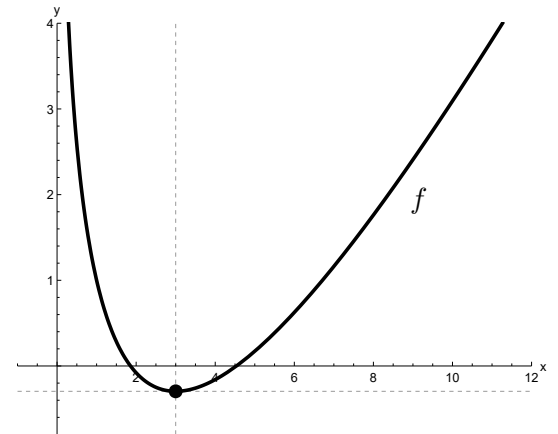


## Výsledky:

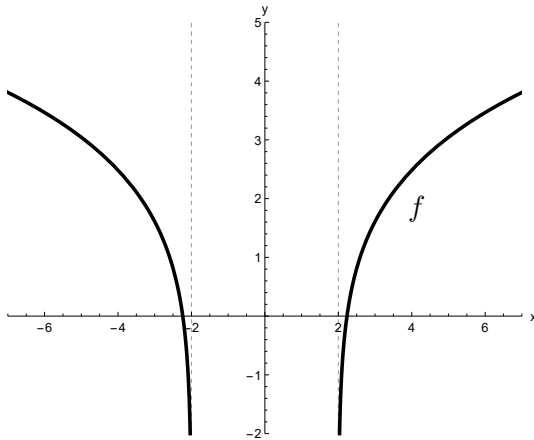
Příklad 2. e)  $D(f) = \mathbb{R} \setminus \{-1\}$   
 $H(f) = (-\infty; 0) \cup \langle 1; +\infty \rangle$



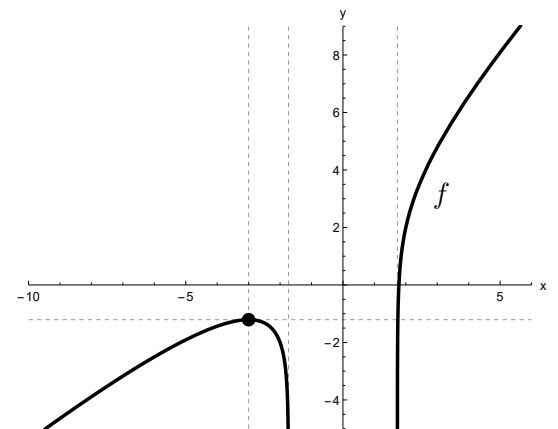
h)  $D(f) = (0; +\infty)$   
 $H(f) = \langle 3 - 3 \ln 3; +\infty \rangle$



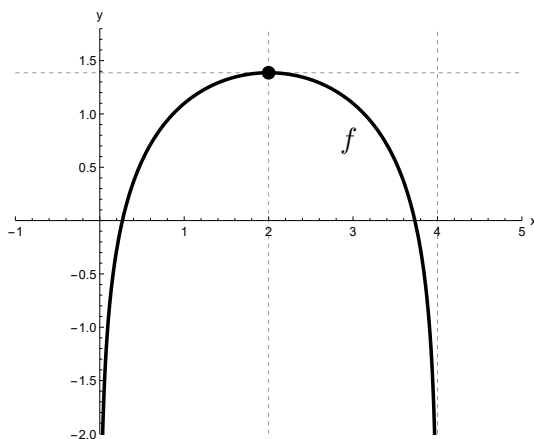
f)  $D(f) = (-\infty; -2) \cup (2; +\infty)$   
 $H(f) = \mathbb{R}$



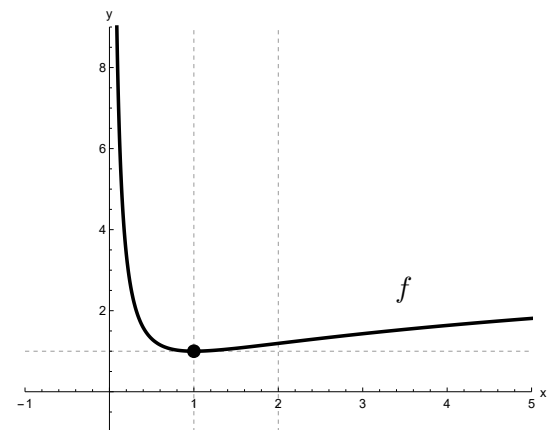
i)  $D(f) = (-\infty; -\sqrt{3}) \cup (\sqrt{3}; +\infty)$   
 $H(f) = \mathbb{R}$



g)  $D(f) = (0; 4)$   
 $H(f) = (-\infty; \ln 4)$



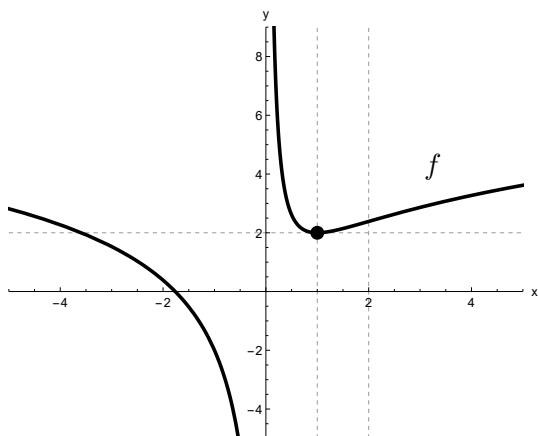
j)  $D(f) = (0; +\infty)$   
 $H(f) = \langle 1; +\infty \rangle$



## Výsledky:

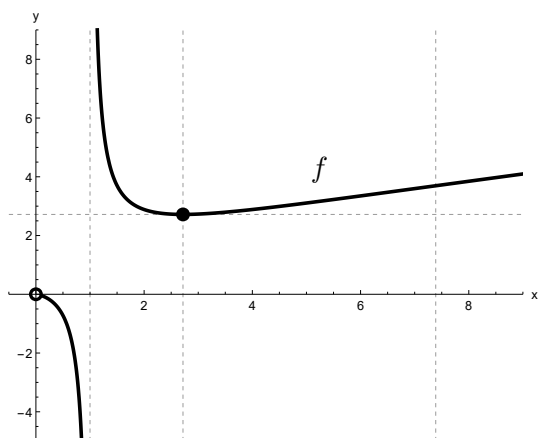
Příklad 2. k)  $D(f) = \mathbb{R} \setminus \{0\}$

$$H(f) = \mathbb{R}$$



l)  $D(f) = (0; 1) \cup (1; +\infty)$

$$H(f) = (-\infty; 0) \cup (e; +\infty)$$



m)  $D(f) = \mathbb{R} \setminus \{0\}$

$$H(f) = \mathbb{R}$$

