1) where Hf for
$$f: y = \frac{-2x+3}{5-3x}$$

2) Sestrojte graf fee (bod + asymptoty)

$$a: y = -\left(\frac{3}{2}\right)^{x+2} + 4$$

$$b: \quad y = \left(\frac{5}{3}\right)^{2-x} - 1$$

$$c: \quad \mathcal{Y} = \frac{2}{(x-3)^4}$$

$$d: y = -\frac{4}{(3x+1)^{-5}}$$

a)
$$\pi^{x^2+7} - \pi^{2(x+3)} = 0$$

b)
$$\left(\frac{3}{4}\right)^{3x-2}$$
, $\left(\frac{16}{9}\right)^{x+1} = \left(\frac{4}{3}\right)^{5x+4}$

d)
$$8^{\sqrt{3x-8}}$$
, $16 = 32^{\sqrt{3x-8}}$

$$f_{1}$$
 $2^{\times} - 3^{\times} = \frac{5.3^{\times}}{4}$

9)
$$4^{x+2} - 2.4^{x+1} + 4^{x} = 3^{x+2} + 3^{x+1} + 4.3^{x}$$