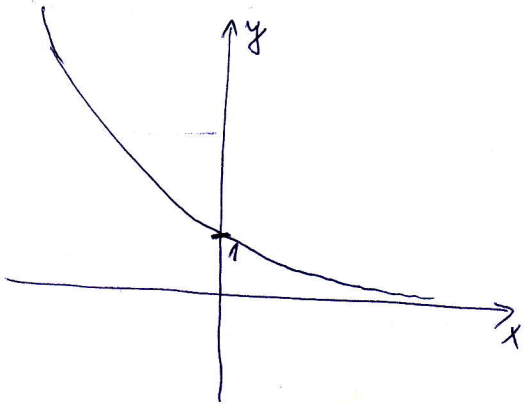


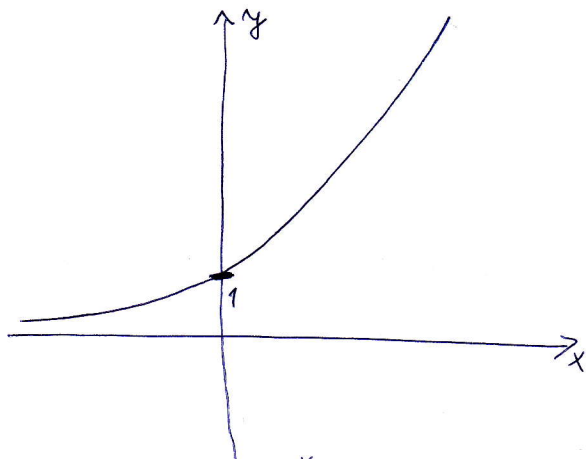
2 grafu

$$y = a^x$$

$$0 < a < 1$$

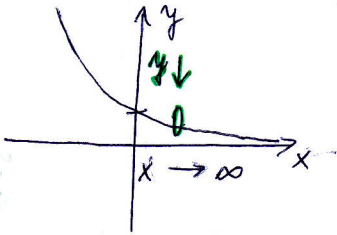


$$a > 1$$



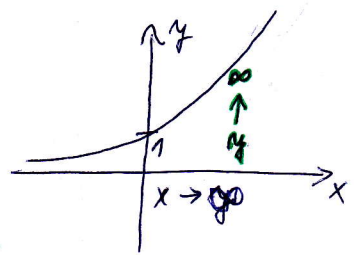
$$\lim_{x \rightarrow \infty} \left(\frac{5}{6}\right)^x = 0$$

$$a = \frac{5}{6} < 1$$



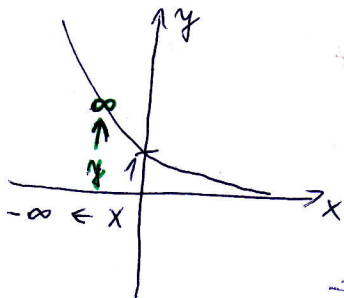
$$\lim_{x \rightarrow \infty} \left(\frac{7}{6}\right)^x = \infty$$

$$a = \frac{7}{6} > 1$$



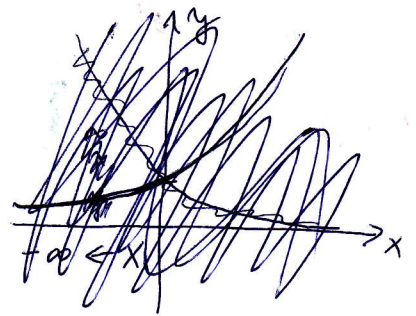
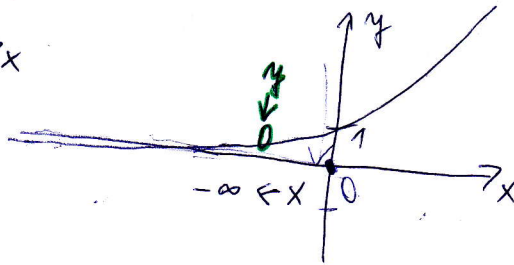
$$\lim_{x \rightarrow -\infty} (0,7)^x = \infty$$

$$a = 0,7 < 1$$



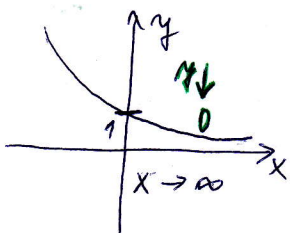
$$\lim_{x \rightarrow -\infty} (1,32)^x = 0$$

$$a = 1,32 > 1$$



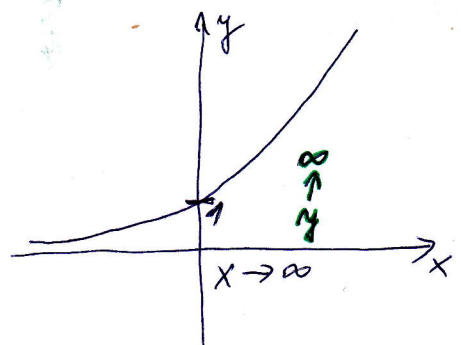
$$\lim_{x \rightarrow \infty} (0,98)^x = 0$$

$$a = 0,98 < 1$$



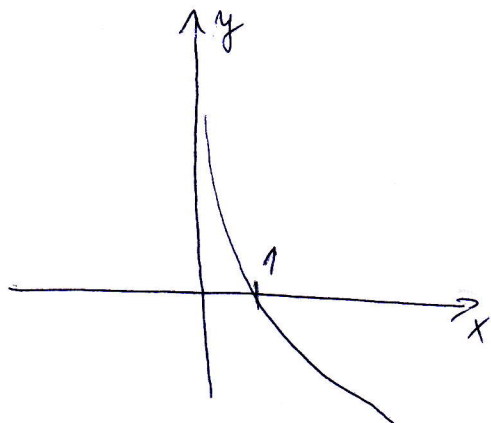
$$\lim_{x \rightarrow \infty} (3,28)^x = \infty$$

$$a = 3,28 > 1$$



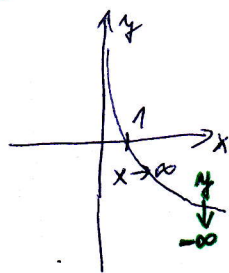
$$y = \log_a x$$

$$0 < a < 1$$



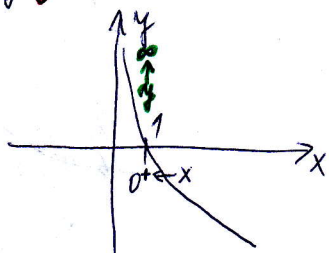
$$\lim_{x \rightarrow \infty} \log_{\frac{1}{3}} x = -\infty$$

$$a = \frac{1}{3} < 1$$



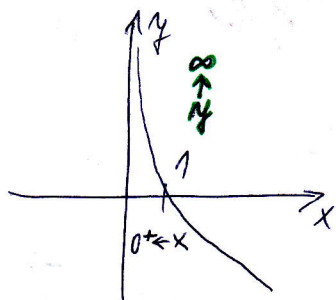
$$\lim_{x \rightarrow 0^+} \log_{\frac{2}{5}} x = \infty$$

$$a = \frac{2}{5} < 1$$

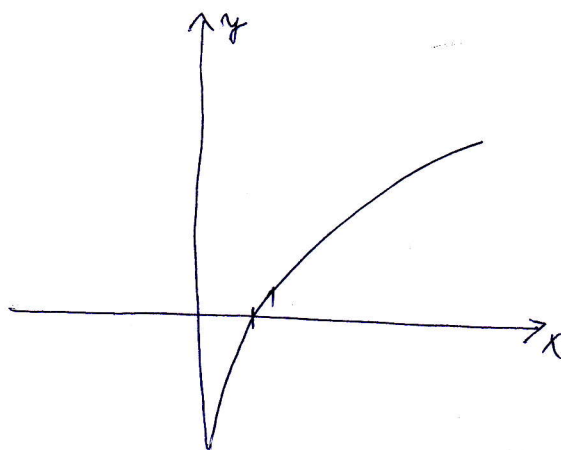


$$\lim_{x \rightarrow 0^+} \log_{0,2} x = \infty$$

$$a = 0,2 < 1$$

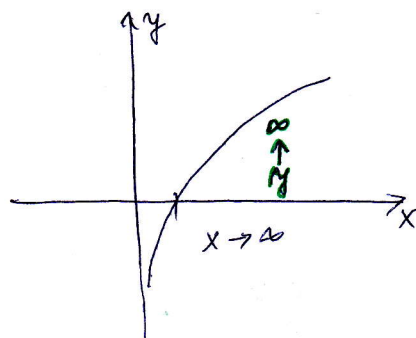


$$a > 1$$



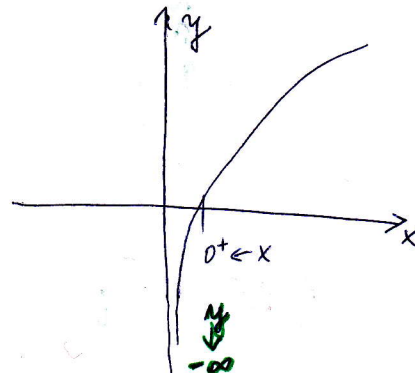
$$\lim_{x \rightarrow \infty} \log_{\frac{7}{6}} x = \infty$$

$$a = \frac{7}{6} > 1$$



$$\lim_{x \rightarrow 0^+} \log_{3,4} x = -\infty$$

$$a = 3,7 > 1$$



$$\lim_{x \rightarrow 0^+} \log_{\frac{9}{6}} x =$$

$$a = \frac{9}{6} > 1$$

