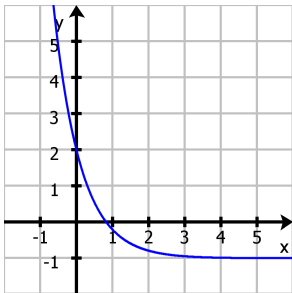
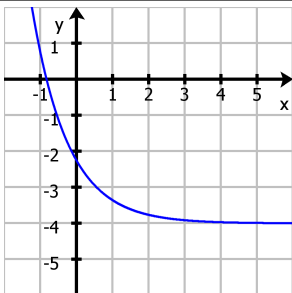
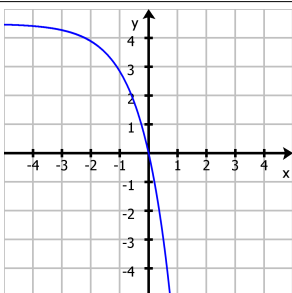
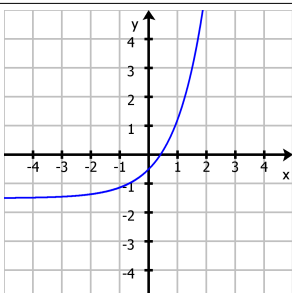
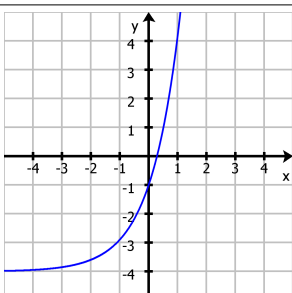
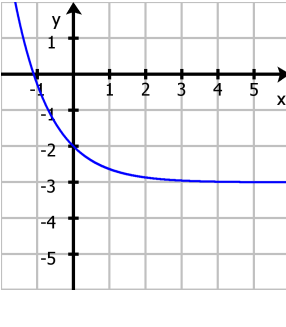
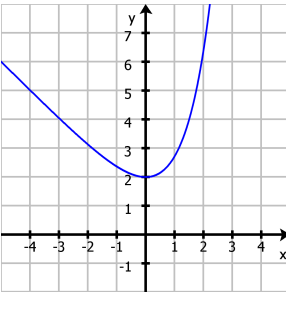
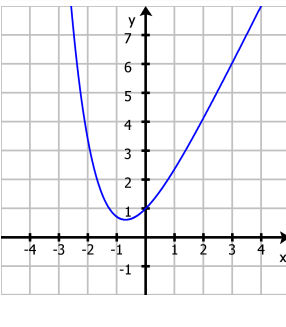
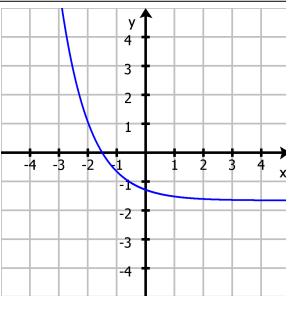
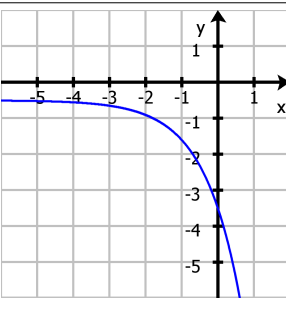
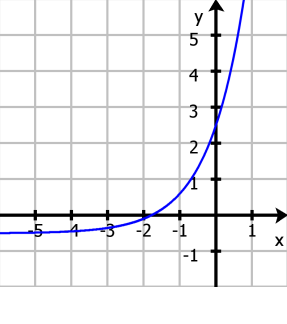
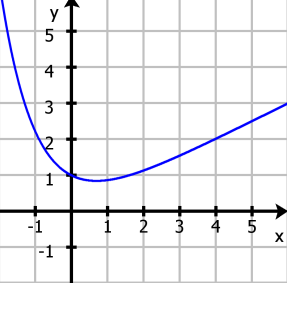
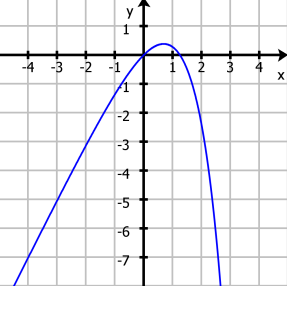
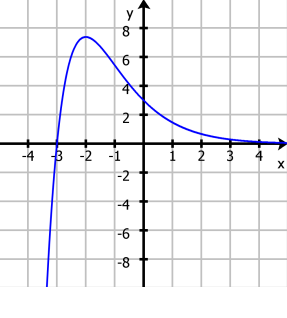
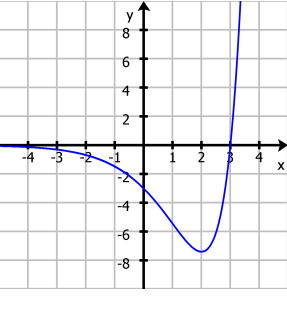


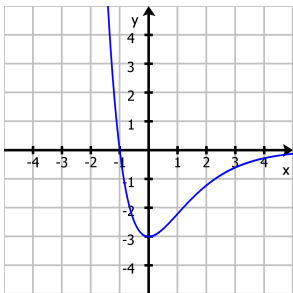
Aufgaben Exponentialfunktionen

Nr	Schaubild	Aufgabe	Lösungsvorschlag
1		$f(x) = 3e^{-\frac{4}{3}x} - 1$	Waagerechte Asymptote $y = -1$
2		$f(x) = \frac{7}{4}e^{-x} - 4$	$S_y(0 \mid -\frac{9}{4})$
3		$f(x) = -\frac{9}{2}e^x + \frac{9}{2}$	$N(0 \mid 0)$
4		$f(x) = e^x - \frac{3}{2}$	Waagerechte Asymptote $y = -\frac{3}{2}$
5		$f(x) = 3e^x - 4$	$S_y(0 \mid -1)$

6		$f(x) = e^{-x} - 3$	$N(-\ln(3) \mid 0)$
7		$f(x) = e^x - x + 1$	$S_y(0 \mid 2)$
8		$f(x) = e^{-x} + 2x$	Asymptote $y = 2x$
9		$f(x) = e^{-(x+1)} - e^{\frac{1}{2}}$	$N\left(-\frac{3}{2} \mid 0\right)$
10		$f(x) = -3e^x - 0,5$	

11		$f(x) = 3e^x - 0,5$	
12		$f(x) = 0,5x + e^{-x}$	Asymptote $y = \frac{1}{2}x$
13		$f(x) = 1 - e^x + 2x$	
14		$f(x) = (x+3)e^{-x}$	$N(-3 \mid 0)$
15		$f(x) = xe^x - 3e^x$	$N(3 \mid 0)$

16



$$f(x) = -(3x+3)e^{-x}$$