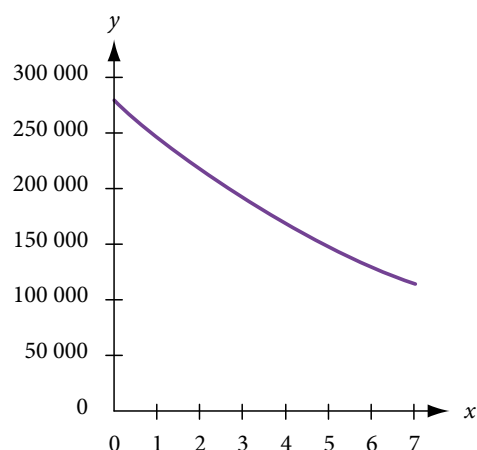
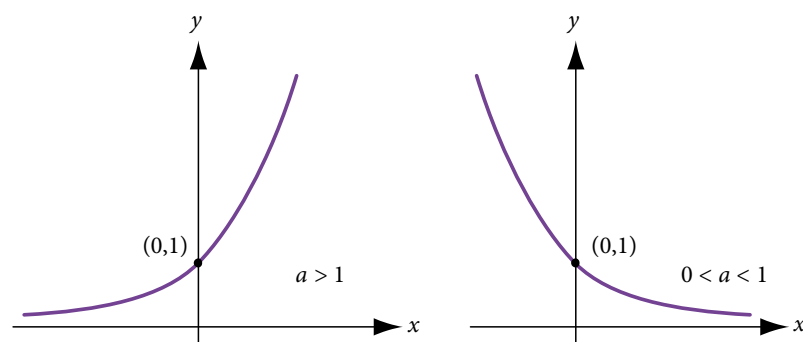


4.1 Eksponensialfunksjonen



FIGUR 4.1

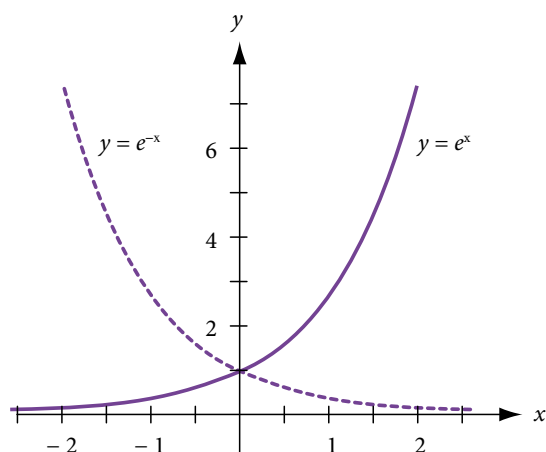


FIGUR 4.2

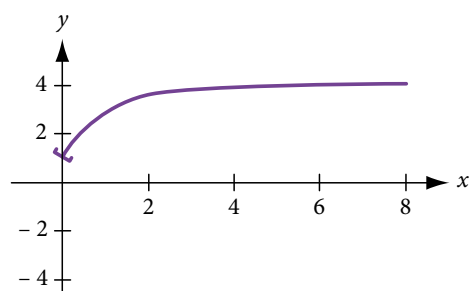
4.2 Tallet e, Eulers tall

```
(1+1/100)^100      2.704813829
(1+1/1000)^1000    2.716923932
(1+1/10000)^10000  2.718145927
```

FIGUR 4.3



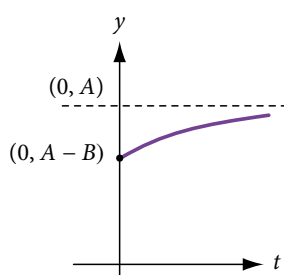
FIGUR 4.4



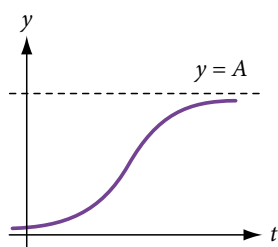
Funksjonstabell

x	$f(x)$
0	1,00
1	2,90
2	3,59
3	3,85
4	3,95

FIGUR 4.5

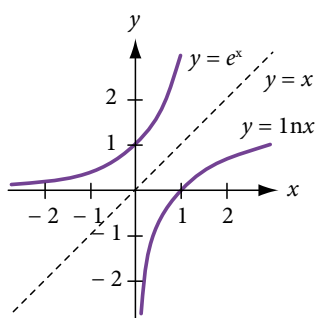


FIGUR 4.6

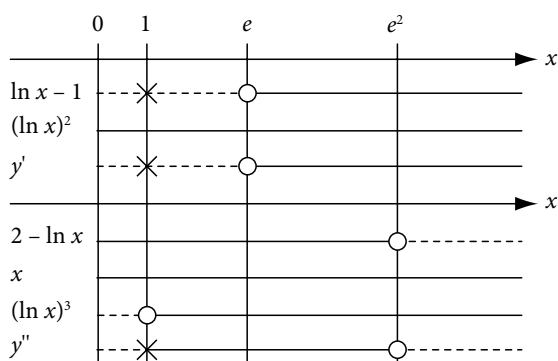


FIGUR 4.7

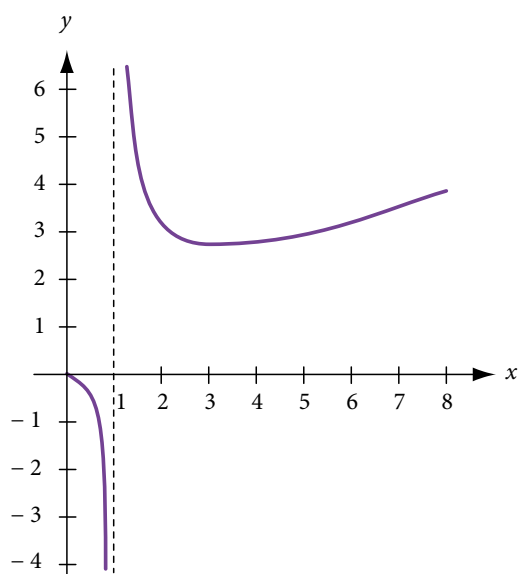
4.4 Den naturlige logaritmefunksjonen



FIGUR 4.8

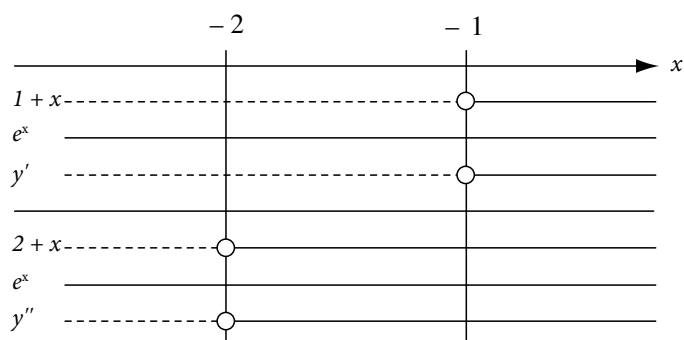


FIGUR 4.9

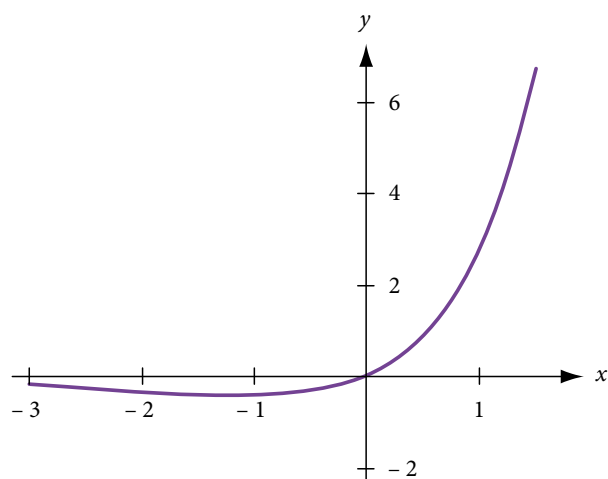


FIGUR 4.10

x	$f(x)$
0,1	-0,04
0,5	-0,72
1	brudd
1,5	3,70
2	2,89
3	2,73
4	2,89
5	3,11
6	3,35
7	3,60
8	3,85



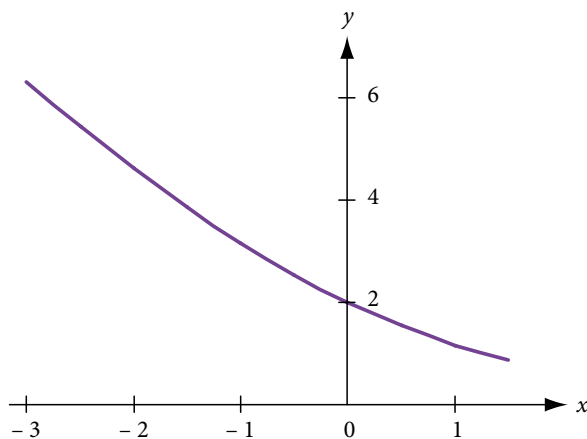
FIGUR 4.11



FIGUR 4.12

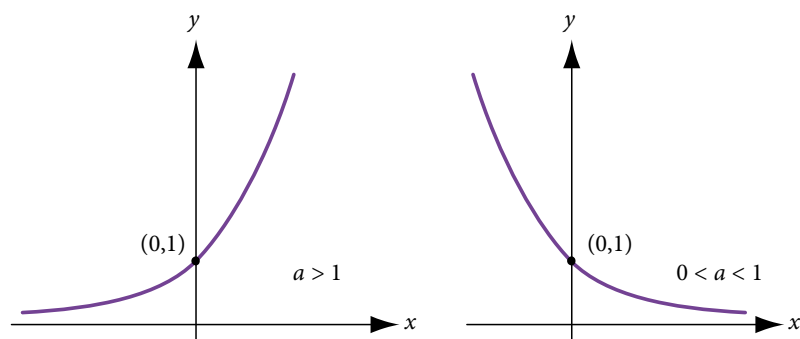
x	$f(x)$
-3,0	-0,15
-2,5	-0,21
-2,0	-0,27
-1,5	-0,33
-1,0	-0,37
-0,5	-0,30
0	0,00
0,5	0,82
1	2,72
1,5	6,72

4.7 L'Hôpitals regel

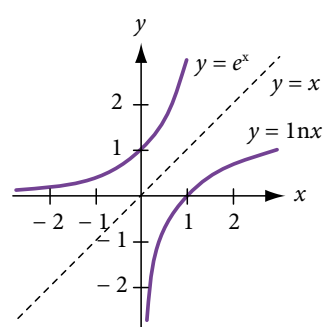


FIGUR 4.13

SAMMENDRAG AV KAPITTEL 4



FIGUR 4.14



FIGUR 4.15