

18.1.12

Voller Claus Thee

+2	+12 Oma	+6
+7	+15	+10
+10	+17	+13
+18 Oma!!!	+21 Oma!	+15
+28 Oma!!!	+15	+19
+34	+18	+22
+25	+12	+26
+27	+15 Juse!	+29
+21	+18 Oma	+32
+26 Oma	+33 ← Saurjome!	+36
+36 Oma	+36 Oma	+39
(+29)	+39	+42
+25		+45
		+39
		+37
		+32

1.  $\frac{1}{x^2} = x^{-2}$   
2.  $\frac{d}{dx} x^{-2} = -2x^{-3}$   
3.  $= -2x^{-3}$   
4.  $= -\frac{2}{x^3}$

2.  $\frac{d}{dx} \sqrt{x} = \frac{d}{dx} x^{\frac{1}{2}}$   
3.  $= \frac{1}{2} x^{-\frac{1}{2}}$   
4.  $= \frac{1}{2\sqrt{x}}$

3.  $\frac{d}{dx} \frac{1}{\sqrt{x}} = \frac{d}{dx} x^{-\frac{1}{2}}$   
4.  $= -\frac{1}{2} x^{-\frac{3}{2}}$   
5.  $= -\frac{1}{2x^{\frac{3}{2}}}$   
6.  $= -\frac{1}{2x\sqrt{x}}$