

Übungen zu Potenzgleichungen 2

1	$x^2 = 16$	
2	$x^2 = -4$	
3	$x^3 = -27$	
4	$x^4 = 625$	
5	$\frac{1}{x^4} = 81 \quad x \neq 0$	
6	$x^5 = \frac{32}{3125}$	
7	$x^{-3} = 216 \quad x \neq 0$	
8	$x^{-6} = -64 \quad x \neq 0$	
9	$-4x^2 + 6 = -94$	
10	$3x^3 - 7 = 11$	
11	$4x^{-4} + 8 = 16$	
12	$\sqrt[5]{x} = 9$	
13	$x^{\frac{5}{4}} = 5$	
14	$x^{\frac{4}{5}} = 7$	
15	$x^{\frac{-4}{3}} = 18$	