

**160 Funktionsgleichungen für Parabeln**

001 $f(x) = x^2 + \frac{1}{2}x + 1$	018 $f(x) = -x^2 + \frac{1}{2}x - 2$	035 $f(x) = x^2 + 9x$	053 $f(x) = x^2 - \frac{1}{9}$
002 $f(x) = x^2 + x - 3$	019 $f(x) = -x^2 + x + 6$	036 $f(x) = x^2 + x$	054 $f(x) = x^2 - \frac{1}{4}$
003 $f(x) = x^2 + x - 5$	020 $f(x) = -x^2 + 2x + 1$	037 $f(x) = x^2 + 2x$	055 $f(x) = x^2 - \frac{4}{9}$
004 $f(x) = x^2 + 2x + 5$	021 $f(x) = -x^2 + 4x - 9$	038 $f(x) = x^2 + 3x$	056 $f(x) = x^2 - \frac{9}{4}$
005 $f(x) = x^2 + 2x - 1$	022 $f(x) = -x^2 + 5x - 5$	039 $f(x) = x^2 + 4x$	057 $f(x) = x^2 - 1$
006 $f(x) = x^2 + 4x + 1$	023 $f(x) = -x^2 + 6x + 4$	040 $f(x) = x^2 + 5x$	058 $f(x) = x^2 - 2$
007 $f(x) = x^2 + 4x + 2$	024 $f(x) = -x^2 + 8x - 9$	041 $f(x) = x^2 + 6x$	059 $f(x) = x^2 - 3$
008 $f(x) = x^2 + 4x - 1$	025 $f(x) = -x^2 - x + 2,5$	042 $f(x) = x^2 - x$	060 $f(x) = x^2 - 4$
009 $f(x) = x^2 + 4x - 5$	026 $f(x) = -x^2 - x + 6$	043 $f(x) = x^2 - 2x$	061 $f(x) = x^2 - 9$
010 $f(x) = x^2 + 5x - 2$	027 $f(x) = -x^2 - 2x + 1$	044 $f(x) = x^2 - 3x$	062 $f(x) = -x^2 + 1$
011 $f(x) = x^2 + 5x - 5$	028 $f(x) = -x^2 - 2x - 1$	045 $f(x) = x^2 - 4x$	063 $f(x) = -x^2 + 2$
012 $f(x) = x^2 + 6x + 4$	029 $f(x) = -x^2 - 3x + 3,5$	046 $f(x) = -x^2 + x$	064 $f(x) = -x^2 + \frac{9}{4}$
013 $f(x) = x^2 - 3x + 3,5$	030 $f(x) = -x^2 - 4x + 1$	047 $f(x) = -x^2 + 2x$	065 $f(x) = -x^2 + 3$
014 $f(x) = x^2 - 4x + 1$	031 $f(x) = -x^2 - 4x + 2$	048 $f(x) = -x^2 + 3x$	066 $f(x) = -x^2 + 4$
015 $f(x) = x^2 - 4x + 2$	032 $f(x) = -x^2 - 4x + 3$	049 $f(x) = -x^2 + 4x$	067 $f(x) = -x^2 + 9$
016 $f(x) = x^2 - 4x + 9$	033 $f(x) = -x^2 - 4x + 9$	050 $f(x) = -x^2 - x$	
017 $f(x) = x^2 - 6x + 8$	034 $f(x) = -x^2 - 6x + 8$	051 $f(x) = -x^2 - 2x$	
		052 $f(x) = -x^2 - 3x$	

068 $f(x) = (x+1)^2 - 3$	076 $f(x) = \frac{1}{2}(x+2)^2 + 1$	082 $f(x) = (x-2)^2 + 1$	089 $f(x) = 0,5x(x-12)$
069 $f(x) = (x-1)^2 - 1$	077 $f(x) = \frac{1}{2}(x-1)^2 - 9$	083 $f(x) = 2(x-1)^2 + 1$	090 $f(x) = 0,5(x-3)(x+4)$
070 $f(x) = (x-1)^2 - 2$	078 $f(x) = \frac{1}{2}(x-4)^2 - 3$	084 $f(x) = -(x+2)^2 - 3$	091 $f(x) = 0,5(x-3)(x+2)$
071 $f(x) = (x-2)^2 - 1$	079 $f(x) = -\frac{1}{2}(x+2)^2 + 8$	085 $f(x) = -2(x-2)^2 - 3$	092 $f(x) = (x-3)(x+2)$
072 $f(x) = -(x+1)^2$	080 $f(x) = -\frac{1}{3}(x-1)^2 + 2$	086 $f(x) = -2\left(x - \frac{5}{2}\right)^2 - \frac{3}{2}$	093 $f(x) = (x-1)(x-2)$
073 $f(x) = -(x+2)^2$	081 $f(x) = -\frac{1}{9}(x-1)^2 + 1$	087 $f(x) = -4(x-2)^2$	094 $f(x) = (x-3)(x+2)$
074 $f(x) = -(x-1)^2$		088 $f(x) = -4\left(x + \frac{1}{2}\right)^2 + \frac{1}{2}$	095 $f(x) = 3x(x-1)$
075 $f(x) = -(x-1)^2 - 1$			096 $f(x) = -x(x-2)$
			097 $f(x) = 0,5(x^2 - 5)$

098 $f(x) = \frac{1}{2}x^2 - \frac{17}{2}x$	112 $f(x) = \frac{1}{4}x^2 + 1$	126 $f(x) = \frac{1}{3}x^2 + \frac{2}{3}x - \sqrt{12}$	140 $f(x) = 2x^2 + 4x$
099 $f(x) = \frac{1}{2}x^2 + \frac{1}{4}x - 2$	113 $f(x) = \frac{1}{4}x^2 + x - 1$	127 $f(x) = \frac{1}{3}x^2 - \frac{2}{3}x - 2$	141 $f(x) = 2x^2 - x$
100 $f(x) = \frac{1}{2}x^2 + x + 2$	114 $f(x) = \frac{1}{4}x^2 + 2x - 1$	128 $f(x) = \frac{1}{3}x^2 - 2x + \frac{5}{3}$	142 $f(x) = 2x^2 + 3x - 1$
101 $f(x) = \frac{1}{2}x^2 + 2x - 10$	115 $f(x) = \frac{1}{4}x^2 + 3x - 5$	129 $f(x) = \frac{1}{3}x^2 - \frac{2}{3}x + \frac{5}{3}$	143 $f(x) = 2x^2 + 4x - 9$
102 $f(x) = \frac{1}{2}x^2 + \frac{5}{2}x - 6$	116 $f(x) = \frac{1}{4}x^2 + \frac{11}{2}x + 10$	130 $f(x) = -\frac{1}{3}x^2 + \frac{2}{3}x + 2$	144 $f(x) = 2x^2 - 4x - 1$
103 $f(x) = \frac{1}{2}x^2 + \frac{5}{2}x - 10$	117 $f(x) = \frac{1}{4}x^2 - \frac{1}{2}x + 1$	131 $f(x) = -\frac{1}{3}x^2 + 2x + \frac{5}{3}$	145 $f(x) = 3x^2 - 1$
104 $f(x) = \frac{1}{2}x^2 + 6x - 8$	118 $f(x) = \frac{1}{4}x^2 - 3x + 8$	132 $f(x) = \frac{2}{3}x^2 + 4x$	146 $f(x) = 3x^2 - 14x + 7$
105 $f(x) = \frac{1}{2}x^2 - 4x + 5$	119 $f(x) = \frac{1}{4}x^2 - 3x + 1$	133 $f(x) = \frac{2}{3}x^2 - 2x + \frac{5}{3}$	147 $f(x) = 3x^2 - 2x + 1$
106 $f(x) = \frac{1}{2}x^2 - x - \frac{15}{2}$	120 $f(x) = \frac{3}{4}x^2 + \frac{1}{4}x - 7$	134 $f(x) = \frac{4}{3}x^2 - 2x + \frac{5}{3}$	148 $f(x) = 4x^2 + x - 5$
107 $f(x) = \frac{1}{2}x^2 - 4x + \frac{15}{2}$	121 $f(x) = \frac{5}{4}x^2 + \frac{9}{4}x - \frac{1}{2}$	135 $f(x) = -\frac{2}{3}x^2 + \frac{3}{4}x + 6$	149 $f(x) = 5x^2 + 2x$
108 $f(x) = -\frac{1}{2}x^2 - x$	122 $f(x) = -\frac{1}{4}x^2 + \frac{1}{4}x - 1$	136 $f(x) = \frac{1}{5}x^2 + \frac{3}{5}x - \frac{7}{5}$	150 $f(x) = -2x^2 + 4x$
109 $f(x) = -\frac{1}{2}x^2 + 2x - 3$	123 $f(x) = -\frac{1}{4}x^2 - 2x + 3$	137 $f(x) = \frac{2}{5}x^2 - \frac{3}{5}x - \frac{4}{5}$	151 $f(x) = -2x^2 + x$
110 $f(x) = -\frac{1}{2}x^2 - 2x + 6$	124 $f(x) = -\frac{3}{4}x^2 + \frac{2}{3}x - \frac{1}{6}$	138 $f(x) = \frac{4}{5}x^2 + \frac{3}{4}x - \frac{7}{2}$	152 $f(x) = -2x^2 - 3x + 1$
111 $f(x) = -\frac{1}{2}x^2 - 4x + 5$	125 $f(x) = -\frac{3}{4}x^2 + 2x + 3$	139 $f(x) = -\frac{4}{5}x^2 + \frac{3}{5}x + \frac{7}{5}$	153 $f(x) = -2x^2 - 5x + 2$
			154 $f(x) = -2x^2 - 4x + 9$
			155 $f(x) = -2x^2 - 4x + 1$
			156 $f(x) = -3x^2 + 1$
			157 $f(x) = -3x^2 + 14x - 7$
			158 $f(x) = -4x^2 + 9$
			159 $f(x) = -4x^2 - x + 5$
			160 $f(x) = -4x^2 + x + 3$