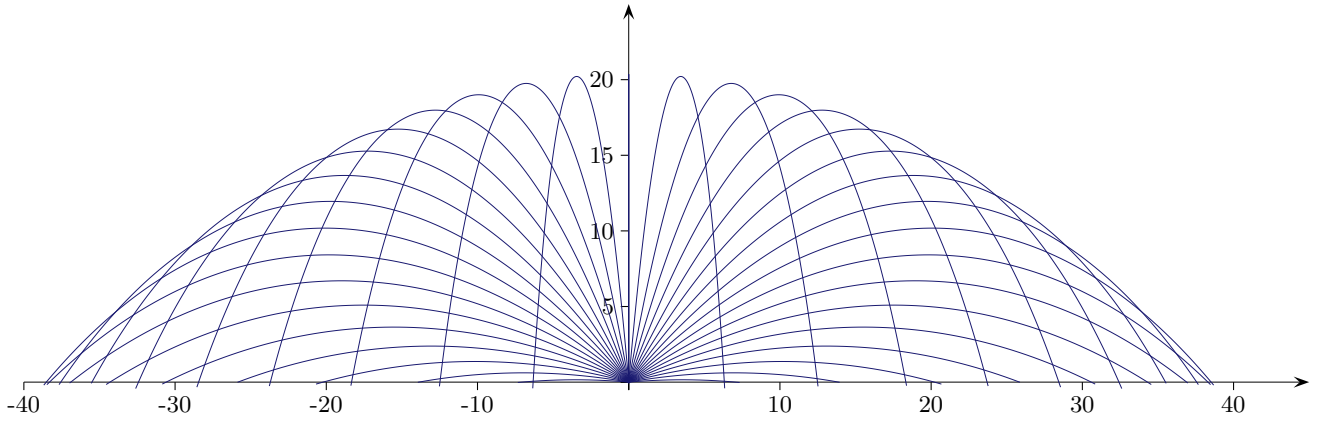
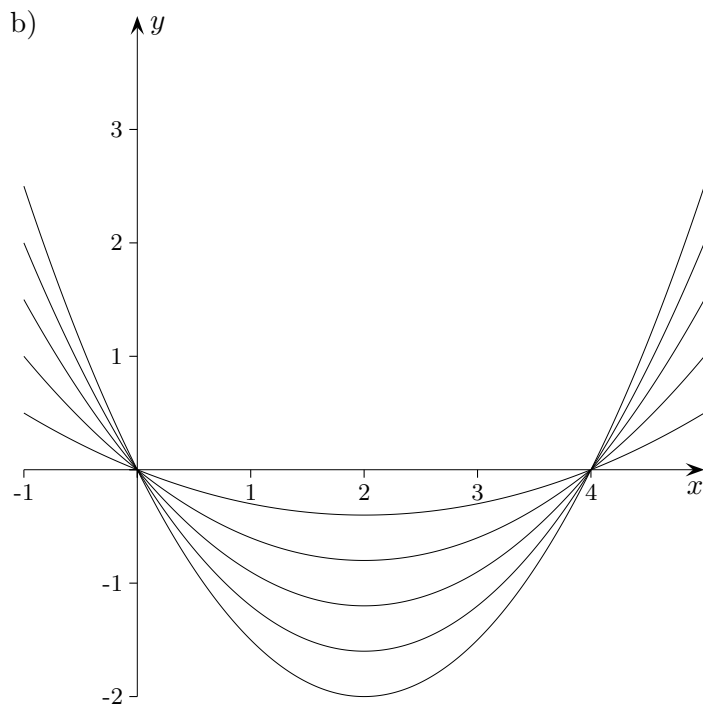
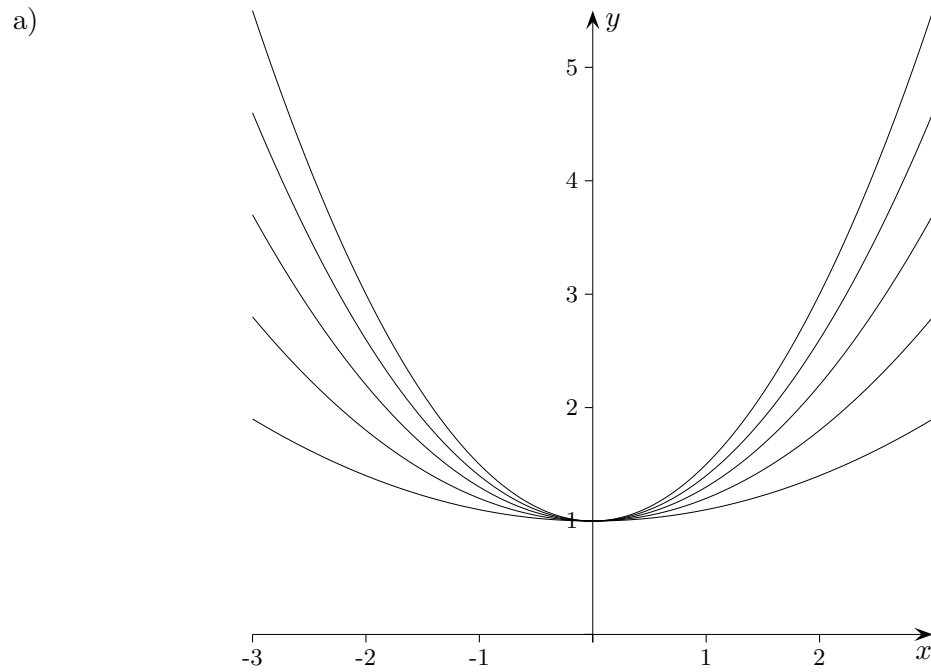


Parabelschar

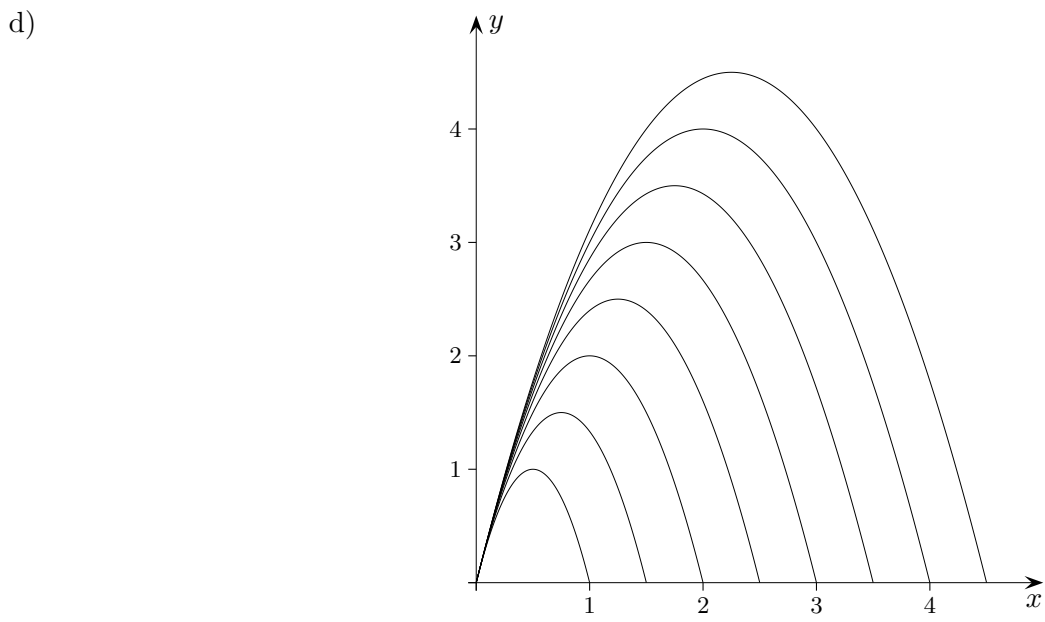
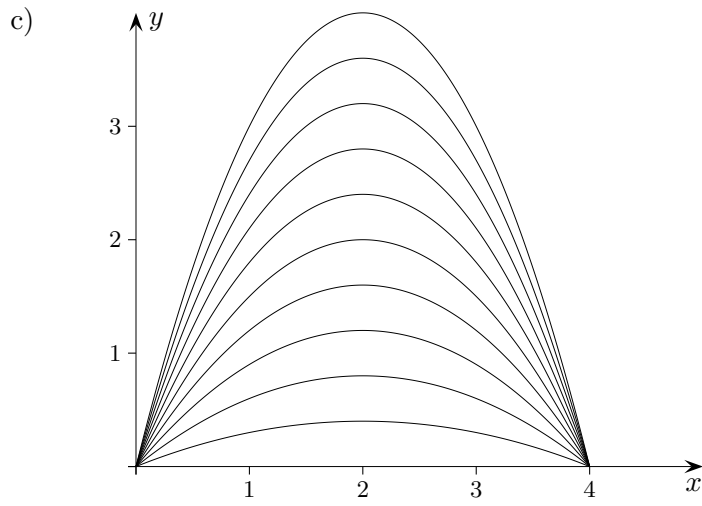


Parabelschar

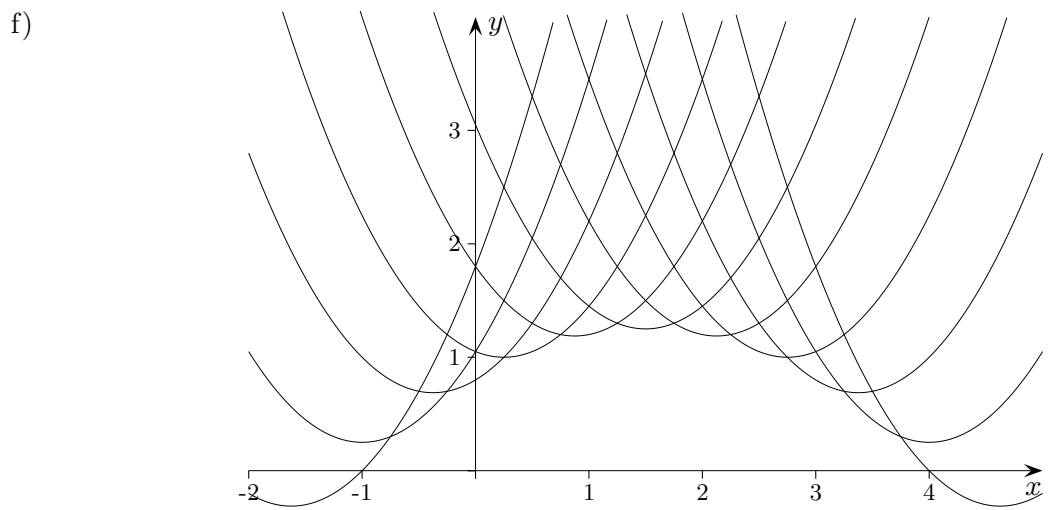
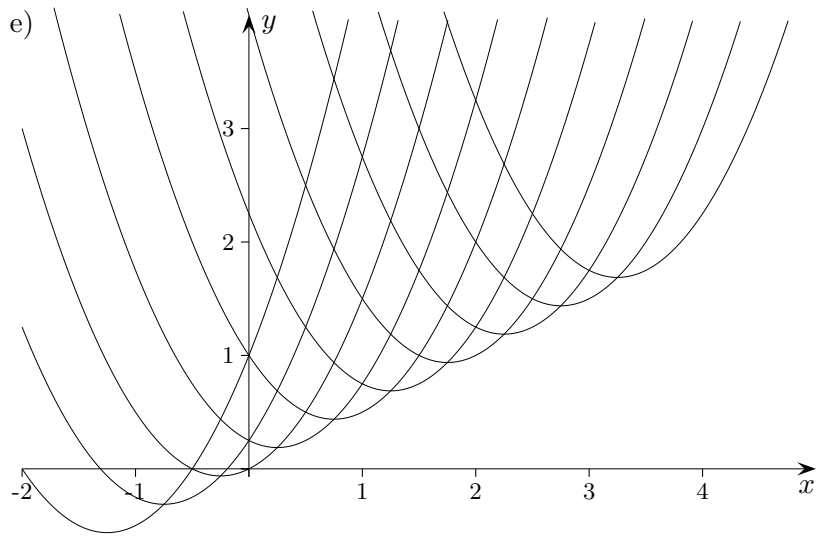
Erzeuge eine ähnliche Grafik.



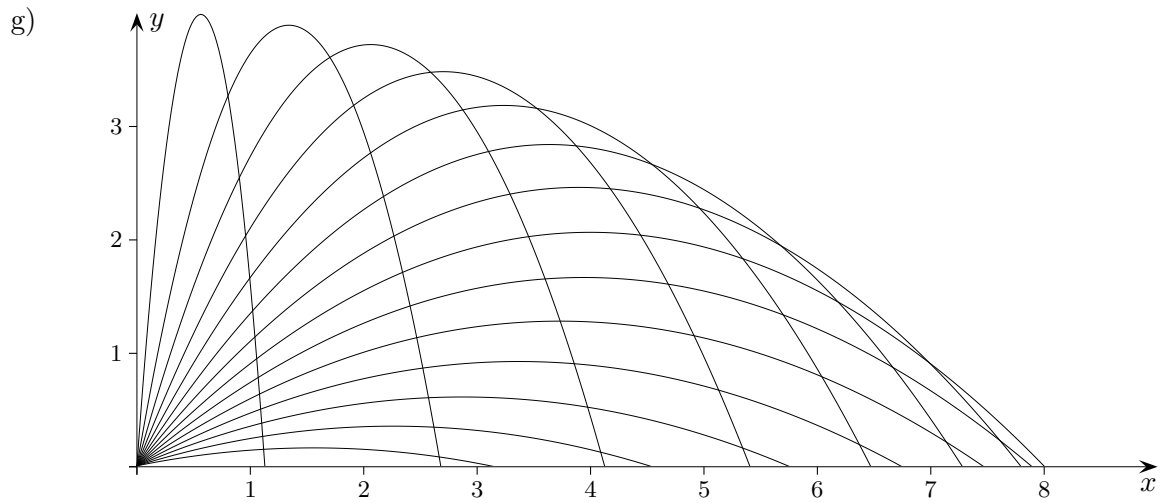
Parabelschar



Parabelschar



Wurfparabeln



Die Erzeugung dieser Parabelschar kann erst in der SekII verstanden werden.

Parabelschar

- a) $f(x) = ax^2 + 1$, $a = 0,1; 0,2; \dots; 0,5$
- b) $f(x) = ax(x - 4)$, $a = 0,1; 0,2; \dots; 0,5$
- c) $f(x) = ax(x - 4)$, $a = -0,1; -0,2; \dots; -1,0$
- d) $f(x) = -\frac{4}{a}x(x - a)$, $a = 1,0; 1,5; \dots; 4,5$
- e) $f(x) = (x - a)^2 + \frac{1}{2}x$, $a = -1,0; -0,5; \dots; 2,5$
- f) $f(x) = (x - a)^2 - \frac{1}{5}(x + 1)(x - 4)$, $a = -1,0; -0,5; \dots; 3,0$