Aufgaben:	Lösung:
1. $y(x)=(x-1)^2-6$	$y(x)=x^2-2x-5$
2. $y(x)=(x-\frac{3}{2})^2-\frac{5}{4}$	$y(x)=x^2-3x+1$
3. $y(x)=2(x+\frac{1}{4})^2+2\frac{7}{8}$	$y(x)=2x^2+x+3$
4. $y(x)=-(x-1\frac{1}{2})^2+4\frac{1}{4}$	$y(x)=-x^2+3x+2$
5. $y(x)=-4(x-\frac{1}{4})^2+\frac{3}{4}$	$y(x)=-4x^2+2x+\frac{1}{2}$
6. $y(x)=-3(x-0)^2+2$	$y(x)=-3x^2+2$
7. $y(x)=\frac{1}{2}(x+4)^2-8$	$y(x)=\frac{1}{2}x^2+4x$
8. $y(x)=-1{,}25(x-0{,}8)^2+1{,}85$	$y(x)=-1{,}25x^2+2x+1{,}05$
9. $y(x)=0{,}01(x+75)^2-56{,}25$	$y(x)=0{,}01x^2+1{,}5x$
10. $y(x)=-0{,}4(x+0{,}75)^2+2{,}225$	$y(x)=-0{,}4x^2-0{,}6x+2$
11. $y(x)=-\frac{1}{18}(x-8)^2+5\frac{5}{9}$	$y(x)=-\frac{1}{18}x^2+\frac{8}{9}x+2$
12. $y(x)=-0{,}2(x+1)^2-1$	$y(x)=-0{,}2x^2-0{,}4x-1{,}2$
13. $y(x)=(x-0{,}5)^2$	$y(x)=x^2-x+0{,}25$
14. $y(x)=-2(x+3)^2$	$y(x)=-2x^2-12x-18$
15. $y(x)=-\frac{1}{3}(x-\frac{1}{4})^2-\frac{5}{16}$	$y(x)=-\frac{1}{3}x^2+\frac{1}{6}x-\frac{1}{3}$