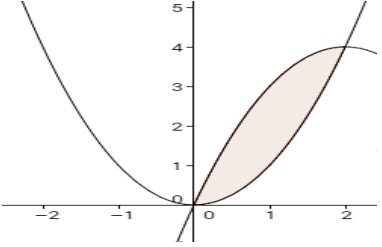
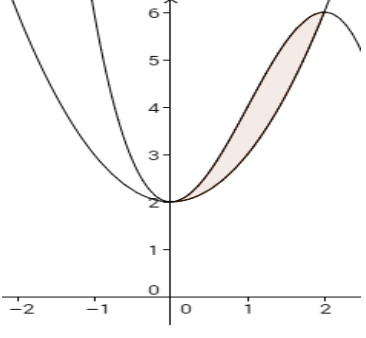
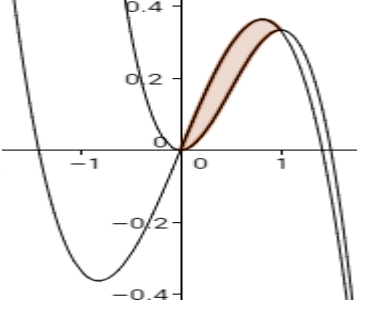
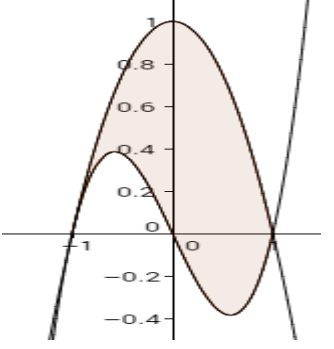
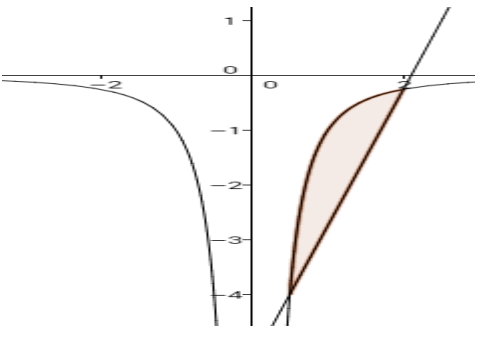
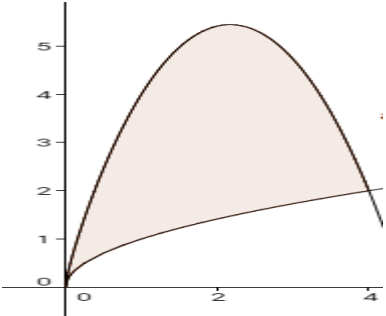


Berechnen Sie die Fläche, die von den Graphen  $f$  und  $g$  begrenzt wird!

$f(x) = -x^2 + 4x$ $g(x) = x^2$	
$f(x) = x^2 + 2$ $g(x) = -x^3 + 3x^2 + 2$	
$f(x) = -\frac{2}{3}x^3 + x^2$ $g(x) = -\frac{1}{3}x^2 + \frac{2}{3}x$	
$f(x) = x^3 - x$ $g(x) = -x^2 + 1$	

$f(x) = -\frac{1}{x^2}$ $g(x) = 2,5x - 5,25$	
$f(x) = -x^2 + 4x + \sqrt{x}$ $g(x) = \sqrt{x}$	

Funktionenscharen:

$f_a(x) = ax^2$ $g_a(x) = -ax^2 + 10$	$a > 0$
$f_a(x) = a^2x^2$ $g_a(x) = a^3x$	$a > 0$