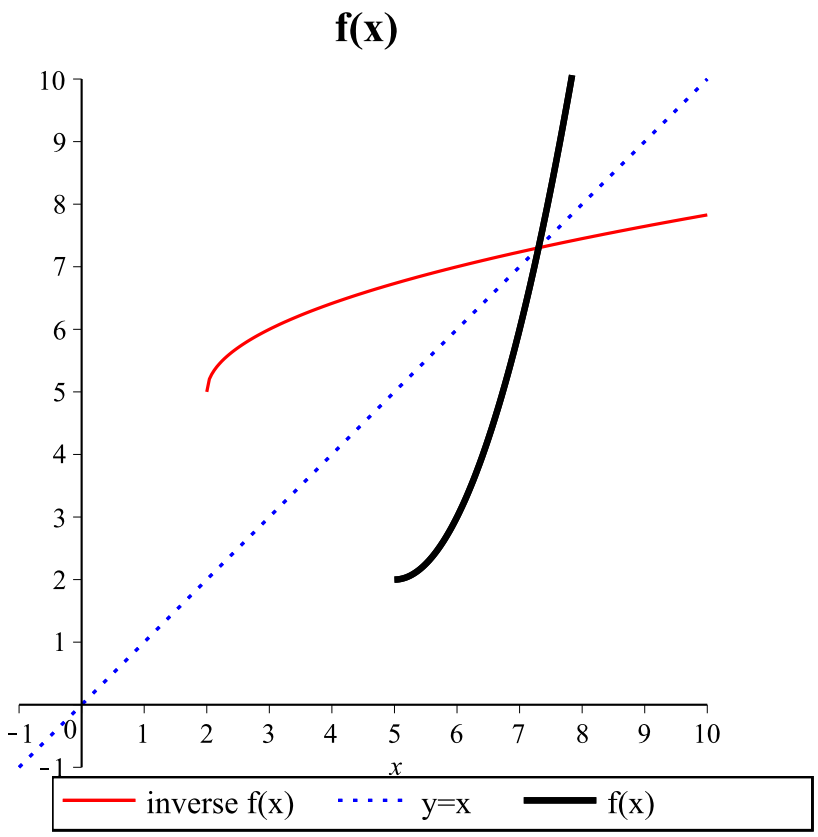
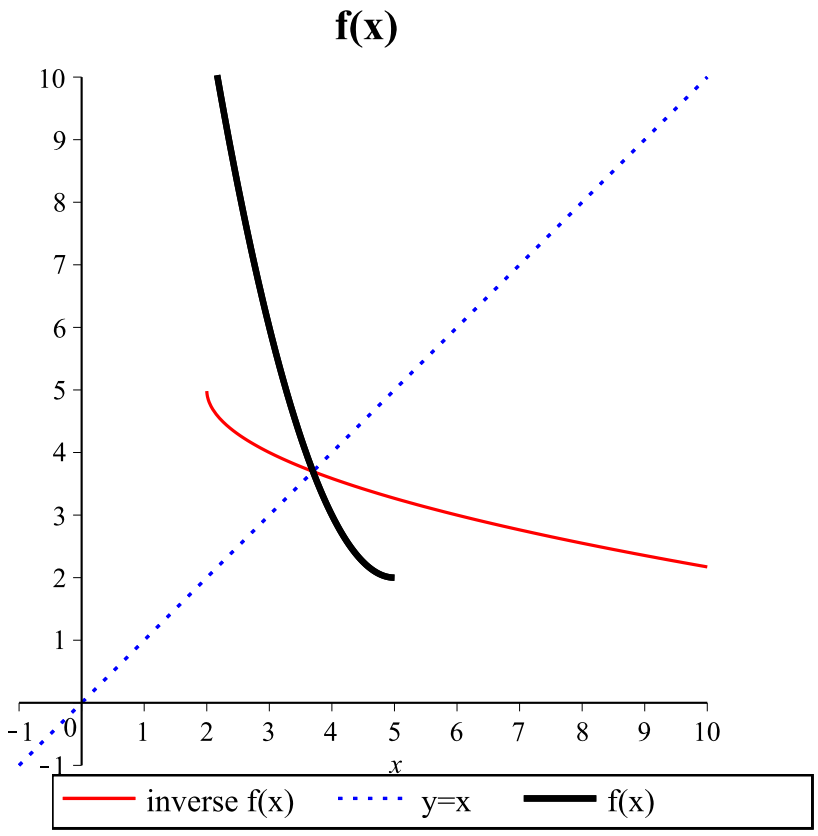
```
> with(plots) :
> f := x→x^2 - 10 x + 27 :
> l := x → x :
> k := x→√(x - 2) + 5 :
> F := plot(f(x), x = 5 ..10, thickness = 3, color = black, title = "f(x)", titlefont = [TIMES, bold,
      16], legend = "f(x)") :
> L := plot(l(x), x = -1 ..10, color = blue, linestyle = dot, legend = "y=x    ") :
> K := plot(k(x), x = 2 ..10, color = red, legend = "inverse f(x)    ") :
> display({F, L, K}, ({F, L}, view = [-1 ..10, -1 ..10], scaling = constrained, tickmarks = [13,
      9])) ;
```



```
> restart :
> with( plots ) :
> f := x→x^2 - 10 x + 27 :
> l := x → x :
> k := x→ -√(x - 2) + 5 :
> F := plot(f(x), x = -1 ..5, thickness = 3, color = black, title = "f(x)", titlefont = [TIMES, bold,
      16], legend = "f(x)") :
> L := plot(l(x), x = -1 ..10, color = blue, linestyle = dot, legend = "y=x     ") :
> K := plot(k(x), x = -1 ..10, color = red, legend = "inverse f(x)    ") :
> display( {F, L, K}, ( {F, L}, view = [ -1 ..10, -1 ..10 ], scaling = constrained, tickmarks = [13,
      9 ]) );
```




```
>
```