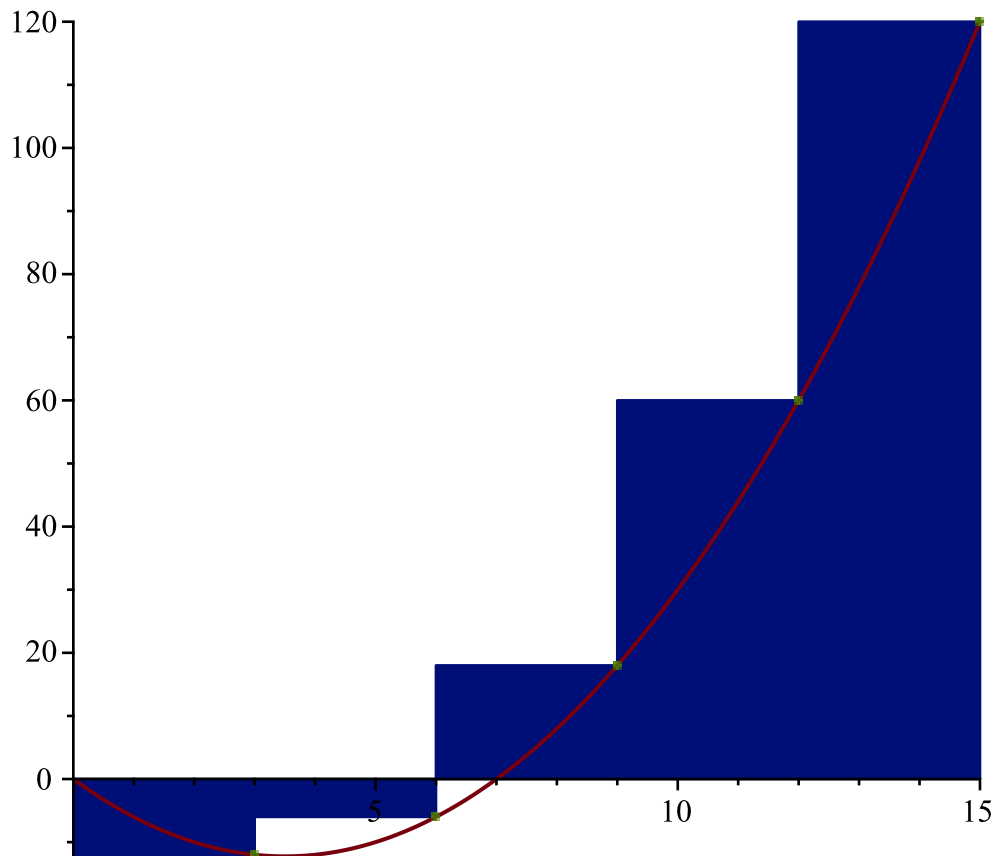


*RiemannSum*( $x^2 - 7 \cdot x$ , 0 .. 5, 'partition' = 5, 'method' = right, 'partitiontype' = normal, 'output' = 'plot',  
'boxoptions' = ['filled' = ['transparency' = .5]]);



A right Riemann sum approximation of  $\int_0^{15} f(x) dx$ , where  $f(x) = x^2 - 7x$  and

*with(Student[Calculus1]) :*

$$\int_0^{15} (x^2 - 7 \cdot x) dx$$

$$\frac{675}{2}$$

**(1)**

*evalf(%)*

$$337.5000000$$

**(2)**