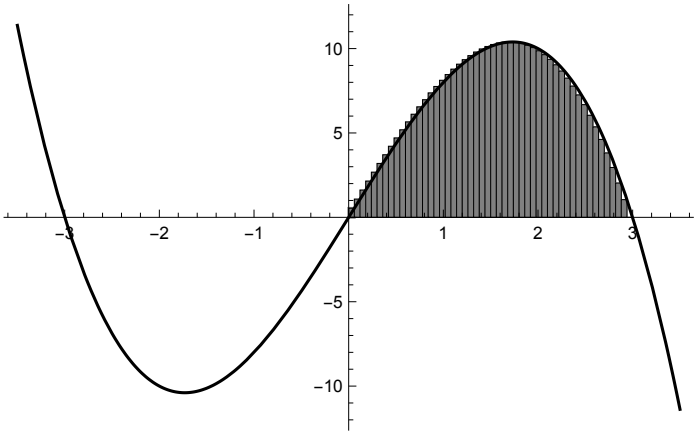
In[19]:=
```
Plot[
 9 x - x^3,
 {x, -3.5, 3.5},
 PlotStyle → Black,
 Prolog → {
   Gray,
   EdgeForm@Thin,
   Table[
    Rectangle[{(3 n - 3) / 50, 0}, {3 n / 50, 9 (3 n / 50) - ((3 n / 50)^3)}], {n, 1, 50}]
  }
]
```

Out[19]=



In[20]:=
```
Magnify[TableForm[Table[{k, Integrate[Sqrt[x], {x, 0, k}]}, {k, 1, 26}],
  TableHeadings → {None, {"k", "integral"}}, TableAlignments → Center], 1 / 2]
```

Out[20]=

k	integral
1	$\frac{2}{3}$
2	$\frac{4\sqrt{2}}{3}$
3	$2\sqrt{3}$
4	$\frac{16}{3}$
5	$\frac{10\sqrt{5}}{3}$
6	$4\sqrt{6}$
7	$\frac{14\sqrt{7}}{3}$
8	$\frac{32\sqrt{2}}{3}$
9	18
10	$\frac{20\sqrt{10}}{3}$
11	$\frac{22\sqrt{11}}{3}$
12	$16\sqrt{3}$
13	$\frac{26\sqrt{13}}{3}$
14	$\frac{28\sqrt{14}}{3}$
15	$10\sqrt{15}$
16	$\frac{128}{3}$
17	$\frac{34\sqrt{17}}{3}$
18	$36\sqrt{2}$
19	$\frac{38\sqrt{19}}{3}$
20	$\frac{80\sqrt{5}}{3}$
21	$14\sqrt{21}$
22	$\frac{44\sqrt{22}}{3}$
23	$\frac{46\sqrt{23}}{3}$
24	$32\sqrt{6}$
25	$\frac{250}{3}$
26	$\frac{52\sqrt{26}}{3}$