- 1. Find the domain and the range of  $f(z)=\sqrt{4\left(-3+z\right)}$  .
- **2.** Find the domain and the range of  $f(x) = -9\sqrt{-4+x}$ .
- **3.** Find the domain and the range of  $f(z) = \left| \frac{-6}{\sqrt{z}} \right|$ .