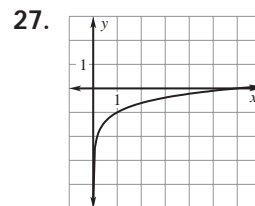
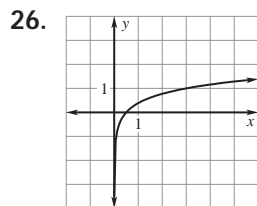
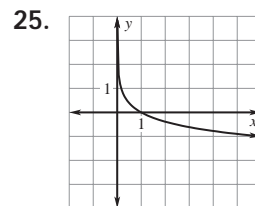
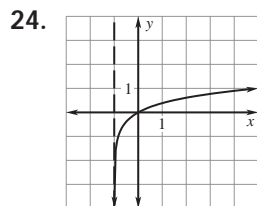
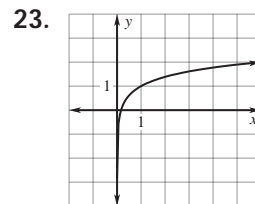
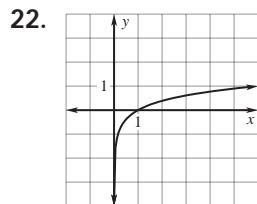


# Answer Key

## Practice B

1.  $4^2 = 16$    2.  $3^4 = 81$    3.  $2^0 = 1$   
4.  $9^{1/2} = 3$    5.  $5^{-1} = \frac{1}{5}$    6.  $2^{-3} = \frac{1}{8}$   
7. 0.549   8. 1.061   9. -0.405   10. 3  
11. 0   12. -1   13.  $\frac{1}{3}$    14.  $\frac{2}{3}$    15. undefined  
16.  $f^{-1}(x) = 3^x$    17.  $f^{-1}(x) = e^x$   
18.  $f^{-1}(x) = \left(\frac{1}{3}\right)^x$    19.  $f^{-1}(x) = \frac{10^x}{2}$   
20.  $f^{-1}(x) = 2^x + 1$    21.  $f^{-1}(x) = 4^{x-2}$



28.  $\approx 127$  strides   29.  $\approx 267.4$  miles per hour