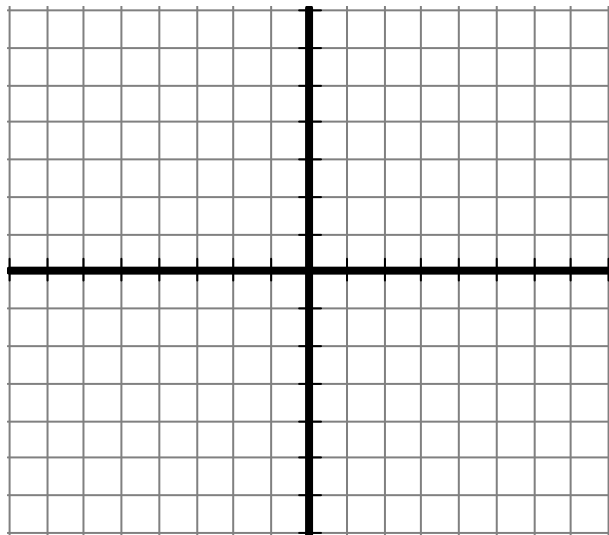


FROM THE BOOK: p 143/5, 8, 13, 15

Sketch each of the following graphs. Describe the domain and range of the function, and find the asymptotes when appropriate.

1. $y = 2 \cdot 3^x - 4$

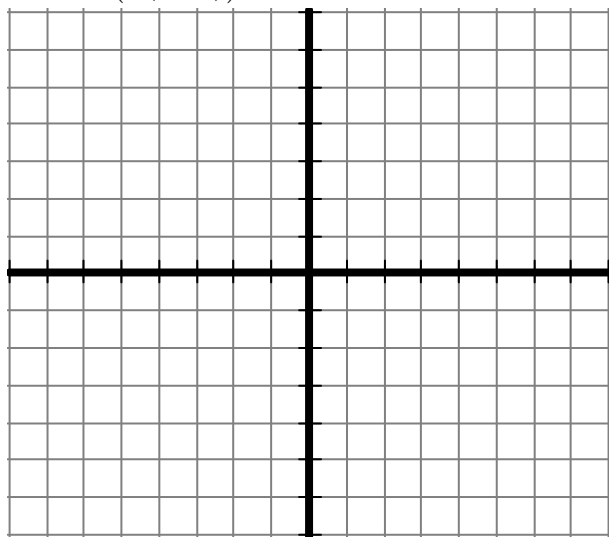


Domain:

Range:

Asymptotes:

2. $y = \frac{3}{(2(x+1))^2} - 2$

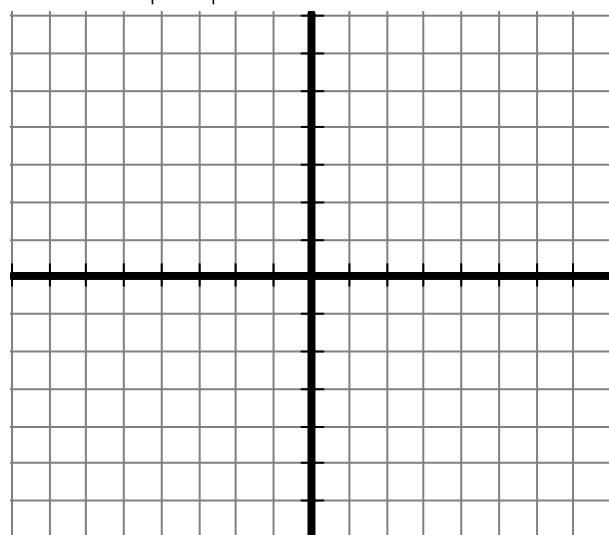


Domain:

Range:

Asymptotes:

3. $y = -2|x-1| + 3$

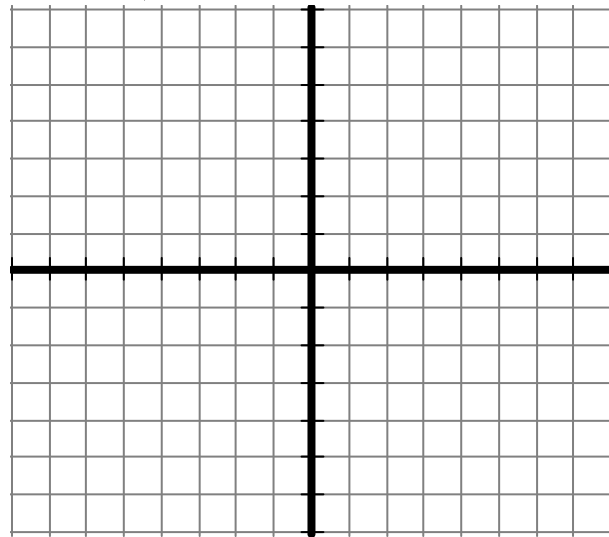


Domain:

Range:

Asymptotes:

4. $y = 3\sqrt[3]{\frac{1}{2}(x-2)} - 1$

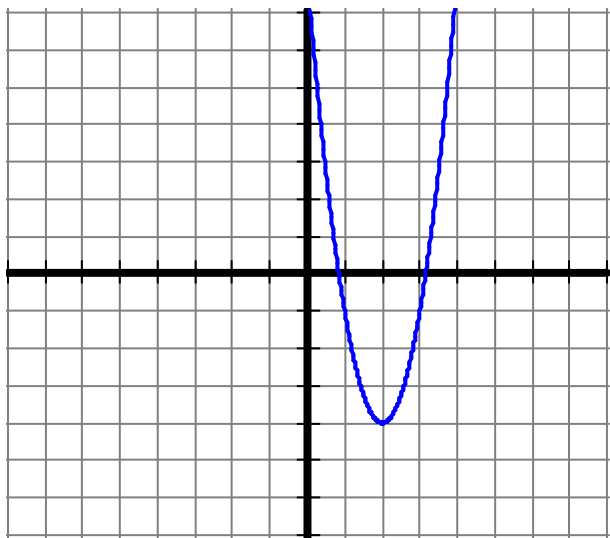


Domain:

Range:

Asymptotes:

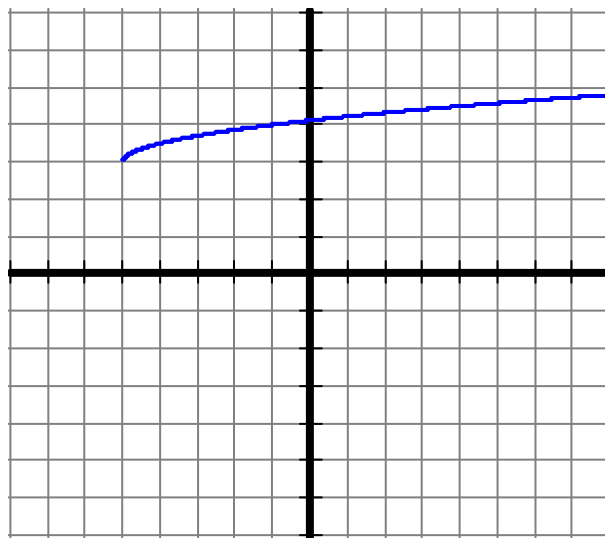
Write the formula for each of the following graphs. Describe the domain and range of the function.



5. $y =$

Domain:

Range:



6. $y =$

Domain:

Range: