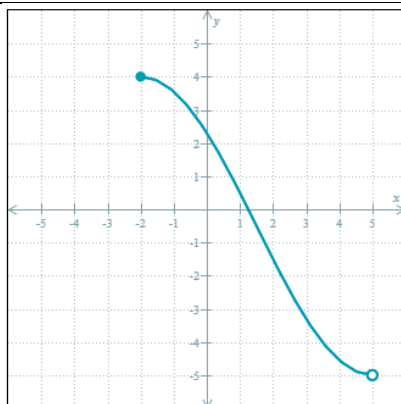
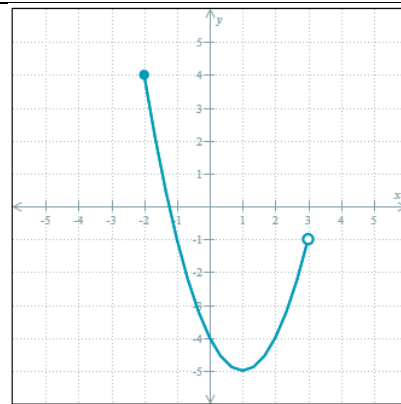


Domain and Range

Continuous Functions
[use interval notation]

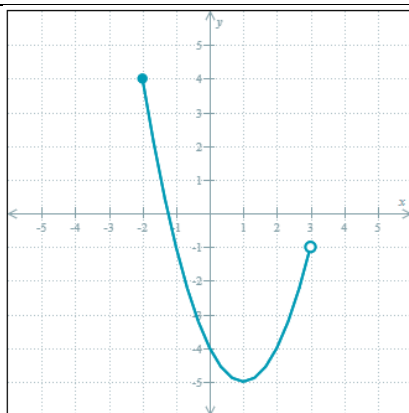
Domain:

Range:



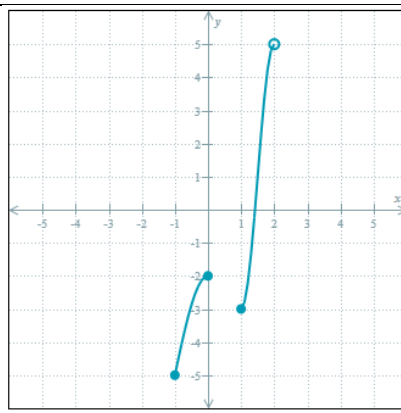
Domain:

Range:



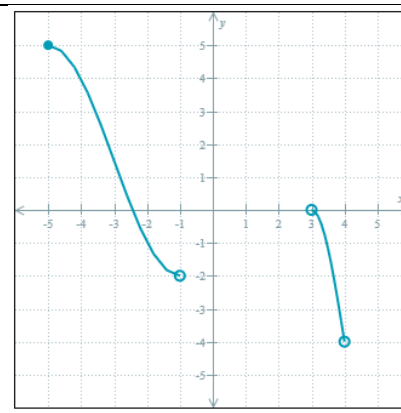
Domain:

Range:



Domain:

Range:



Domain:

Range:

Domain vs. Excluded Values

Excluded Values = values x CAN'T be.	Domain= values x CAN be
Denominators $\neq 0$ Find the values of x that are NOT in the domain.	Radicands ≥ 0 Find the domains of the following functions.
1. $f(x) = \frac{x^2}{x^2 - 7x - 30}$	3. $f(x) = \sqrt{9 - 2x}$
2. $g(x) = \frac{x-3}{x^2-16}$	4. $g(x) = \frac{\sqrt{10+x}}{-3+x}$