

Name _____

Date _____

Graph the rational and find all the characteristics.

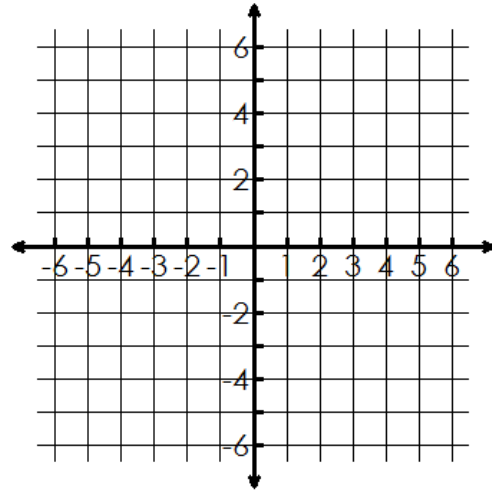
1. $f(x) = \frac{x^2 - x - 2}{x - 1}$

VA: _____ HA: _____ slant : _____

x-int: _____ y-int: _____ hole: _____

Domain: _____ Range: _____

inc: _____ dec: _____



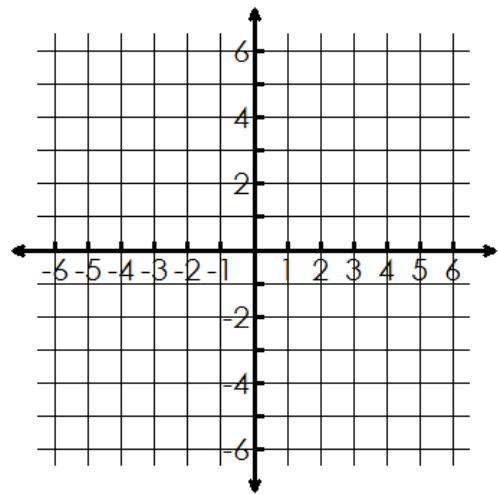
2. $f(x) = \frac{x^2 + 4x - 5}{x + 2}$

VA: _____ HA: _____ slant : _____

x-int: _____ y-int: _____ hole: _____

Domain: _____ Range: _____

inc: _____ dec: _____



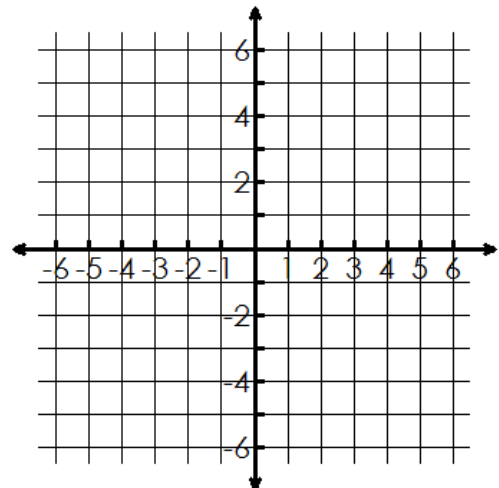
3. $f(x) = \frac{x - 1}{x^2 + 3x - 4}$

VA: _____ HA: _____ slant : _____

x-int: _____ y-int: _____ hole: _____

Domain: _____ Range: _____

inc: _____ dec: _____



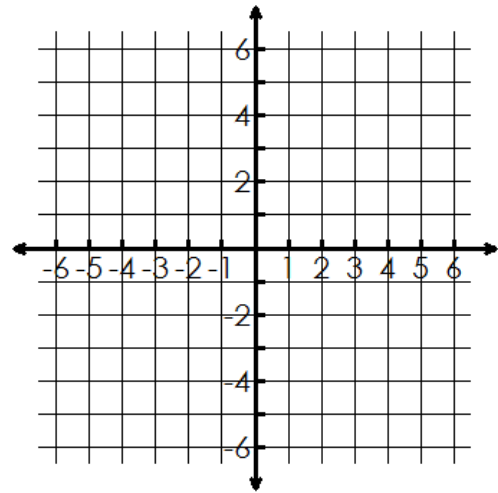
4. $f(x) = \frac{x^2 + 2x + 1}{x + 2}$

VA: _____ HA: _____ slant : _____

x-int: _____ y-int: _____ hole: _____

Domain: _____ Range: _____

inc: _____ dec: _____



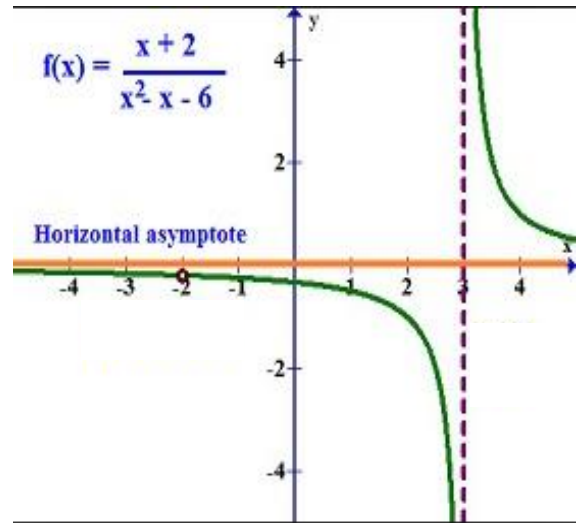
5.

VA: _____ HA: _____ slant : _____

x-int: _____ y-int: _____ hole: _____

Domain: _____ Range: _____

inc: _____ dec: _____



6.

VA: _____ HA: _____ slant : _____

x-int: _____ y-int: _____ hole: _____

Domain: _____ Range: _____

inc: _____ dec: _____

