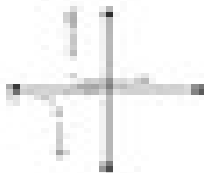
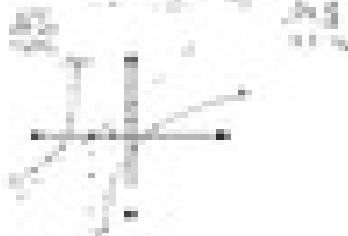


Graph the following. Identify the domain, holes, HA, VA, and SA for the following problems.

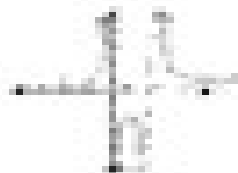
1. $f(x) = \frac{1}{x+2}$
 SA: $x = -2$
 VA: $y = 0$
 Holes: none



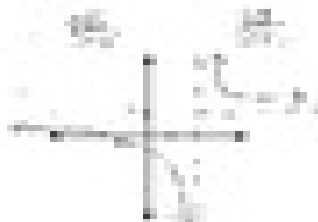
2. $f(x) = \frac{x^2 - 4x + 4}{x^2 - 4}$
 SA: $x = -2, x = 2$
 VA: $y = 0$
 Holes: $(2, 1/2), (-2, 1/2)$
 HA: $y = 1$



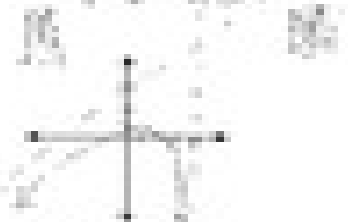
3. $f(x) = \frac{x^2 - 4x + 4}{x^2 - 4}$
 SA: $x = -2, x = 2$
 VA: $y = 0$
 Holes: $(2, 1/2), (-2, 1/2)$
 HA: $y = 1$



4. $f(x) = \frac{x^2 - 4x + 4}{x^2 - 4}$
 SA: $x = -2, x = 2$
 VA: $y = 0$
 Holes: $(2, 1/2), (-2, 1/2)$
 HA: $y = 1$



5. $f(x) = \frac{x^2 - 4x + 4}{x^2 - 4}$
 SA: $x = -2, x = 2$
 VA: $y = 0$
 Holes: $(2, 1/2), (-2, 1/2)$
 HA: $y = 1$



6. $f(x) = \frac{x^2 - 4x + 4}{x^2 - 4}$
 SA: $x = -2, x = 2$
 VA: $y = 0$
 Holes: $(2, 1/2), (-2, 1/2)$
 HA: $y = 1$

