Algebra II
Zeros and Vertical Asymptotes
Practice Day 1

Name_____
Date_____Hour_____

1) Given: $\frac{(x-4)(x+1)}{(x+3)}$

The vertical asymptote would be at _____.

The zeros are located at _____.

2) Given: $\frac{(x^2+x-12)}{(x-5)(x+11)}$

The vertical asymptotes would be at _____.

The zeros are located at _____.

3) Given: $\frac{(x^2+x-6)}{x^2-3x}$

The vertical asymptotes would be at _____.

The zeros are located at _____.

4) Given: $\frac{(x^2+5x-14)}{(x^2-6x+9)}$

The vertical asymptotes would be at _____.

The zeros are located at _____.