

Math 095  
Quiz 4 =(6.1)

1) Simplify:  $\frac{4x-4}{4x}$

2) Multiply and if possible simplify:  $\frac{y^2-16}{4y+12} * \frac{y+3}{y-4}$

3) Divide and if possible simplify:  $\frac{15x^5}{6y^2} \div \frac{5x}{12y^9}$

4) Let  $f(x) = \frac{(x-2)}{(x+4)}$ . Determine the domain of the function and find the vertical asymptotes of the graph of the function..