

Quiz Review

- $\frac{3}{x+2} + \frac{2}{x-2} = \frac{8}{(x+2)(x-2)}$, state excluded values

- $\frac{6}{x+3} - \frac{5}{x-2} = \frac{-20}{x^2+x-6}$, state excluded values

- $\frac{8x}{x+1} = 4 - \frac{8}{x+1}$ state excluded values

- $\frac{x+2}{4} - \frac{x-1}{3} = 2$

- After a 30% reduction, you purchase a dictionary for \$30.80. What was the dictionary's price before the reduction?
- You have \$7000 and put it in two accounts one at 6% and 8%. If total interest earned is \$520, how much was invested at each rate?
- A rectangular swimming pool is three times as long as it is wide. If the perimeter of the pool is 320 feet, what are its dimensions?
- A repair bill on sailboat is \$1603, includes \$532 for parts and the remainder for labor. If cost of labor is \$63 per hour, how many hours did it take to repair?