

\* Add  $\frac{x}{x+2} + \frac{4}{x}$

① find LCM of  $(x+2)$  and  $(x)$   
(is  $x$  a factor of  $x+2$ ?) NO

$$\text{LCM} = (x+2)(x)$$

②  $\frac{(x)(x)}{(x)(x+2)} + \frac{(4)(x+2)}{(x)(x+2)}$

$$\frac{x^2}{(x+2)(x)} + \frac{4x+8}{(x+2)(x)}$$

$$\frac{x^2 + 4x + 8}{(x+2)(x)}$$

$$\frac{8}{1.8} = 2.4$$