

In the following exercises, find the LCD.

169. $\frac{5}{x^2-2x-8}$, $\frac{2x}{x^2-x-12}$

170. $\frac{8}{y^2+12y+35}$, $\frac{3y}{y^2+y-42}$

In the following exercises, write as equivalent rational expressions with the given LCD.

177. $\frac{5}{x^2-2x-8}$, $\frac{2x}{x^2-x-12}$

LCD $(x-4)(x+2)(x+3)$