Book answer

$$y = \frac{3+2\left(\frac{2-x}{x+3}\right)}{1+\left(\frac{2-x}{x+3}\right)} \times \frac{(x+3)}{(x+3)}$$

To further simplify, book did this:-

$$y = \frac{3+2\left(\frac{2-x}{x+3}\right)}{1+\left(\frac{2-x}{x+3}\right)} \times \frac{(x+3)}{(x+3)}$$

But why did they not multiply y with $(x+3)$?