

Find the sum

$$\frac{2x^2}{x+3} + \frac{6x}{x+3}$$

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$$\frac{2x^2}{x+3} + \frac{6x}{x+3} = \frac{2x^2+6x}{x+3} = \frac{2x(x+3)}{\cancel{x+3}}$$

$$\boxed{2x}$$