

Algebra II - Simplifying Rational Expressions

Reduce/Simplify the following:

1) $2 + \frac{x}{x+5}$

SOLUTIONS

mathplane.com

2) $\frac{2b^3 - b^2 - 6b}{2b^2 - 7b + 6}$

3) $\frac{2x+1}{2x^2+x-15} \div \frac{6x^2-x-2}{x+3}$

4) $\frac{x+3}{4x^2-9} \div \frac{x^2+7x+12}{2x^2+7x-15}$

5) $\frac{x + \frac{1}{x+2}}{x - \frac{1}{x+2}}$

6) $\frac{3(1+x)^{1/3} - x(1+x)^{-2/3}}{(1+x)^{2/3}}$