## Unit 6: Rational expressions and equations

(Chapter 6, page 242)


| - Addition with UNLIKE denominators (cont.) |  |  |
| :--- | :--- | :--- |
|  | $\frac{1}{2 x}+\frac{5 x}{x^{2}-1}+\frac{3}{x+1}=$ |  |
| Complex rational expressions |  |  |
|  | $1+\frac{1}{x}$ |  |



|  | Solving rational equations | Page 266 |
| :---: | :---: | :---: |
|  | Solve $\frac{2}{x+5}+\frac{1}{x-5}=\frac{16}{x^{2}-25}$ <br> Remember: Check your answer, and be aware of excluded values |  |
|  | Just a short reminder: We had fun with infinite complex fractions. |  |

