

Solving a linear equation with fractions:

Ex $\frac{5 \cdot 3x}{5 \cdot 2} = \frac{8x \cdot 2}{5 \cdot 2} - 4$ With
common denominator

$$\frac{15x}{10} = \frac{16x}{10} - 4$$
$$\frac{-16x}{10} + \frac{16x}{10}$$

$$\frac{-x}{10} = -4 \cdot 10$$

$$-x = -40$$

$$x = 40$$

Without

$$\left(\frac{3x}{2} = \frac{8x}{5} - 4 \right)$$

$$10 \left(\frac{3x}{2} \right) = 10 \left(\frac{8x}{5} \right) - 10 \cdot 4$$

Mathematics For Liberal Arts

Fred Richman



Mathematics For Liberal Arts:

Math in Society Cara Lee,2018 We dedicate this book to our students May you have greater ease in paying for college and grow your proficiency and confidence in math **Mathematics for Liberal Arts** Manisha Ranade,2020-12-30

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When Are We Ever Going To Use This Stuff? James Matovina,2016-10-14 When Are We Ever Going to Use This Stuff College Mathematics for the Liberal Arts Major is a college level mathematics textbook designed with liberal arts majors in mind Standard mathematics texts typically mimic the style and tone of those written for STEM track students This text while rigorous enough to ensure a high level of mastery over the material uses practical entertaining topics presented in a readable student centered style to teach mathematics concepts and skills for the non major When Are We Ever Going to Use This Stuff emphasizes practical application over symbolic manipulation across several different topics that are ideal for the liberal arts major Students learn where when why and how the math will help them in their lives The subject matter includes consumer math apportionment statistics probability set theory geometry right triangle trigonometry and voting techniques with the history of mathematics as a consistent motivational thread throughout Concepts are taught within familiar contexts with a focus on the development of problem solving skills When Are We Ever Going to Use This Stuff is a fresh student friendly offering for lower division courses that meet the math requirement for liberal arts students **When Are We Ever Going**

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