

Equations to Solve

- 1. $2x - 2x + 3 = 3x + 1$
- 2. $9(x + 1) = 8(x - 1)$
- 3. $x(2 - 5) = 2x + 5x + 10$
- 4. $5 - 10x = -20x - 15$
- 5. $-(x + 1) = 2(x + 1) - 3(2 - x)$
- 6. $-1 - 2 - 3 - 2x - 3x = 10x + 24$
- 7. $-(-x + 2) + 3x = 10$

Table 1: Common Liquid Volume
Conversions (US and Imperial)

Unit	System	Is Equal To (mL)	Equivalence
US Customary Units			
Fluid Ounce (fl oz)	US	29.574	1/8 cup
Pint (pt)	US	473.18	16 fl oz
Quart (qt)	US	946.35	2 pints
Gallon (gal)	US	3785.4	4 quarts
Imperial Units (UK)			
Fluid Ounce (fl oz)	Imperial	28.413	1/20 pint
Pint (pt)	Imperial	568.26	20 fl oz
Quart (qt)	Imperial	1136.5	2 pints
Quart (qt)	Imperial	1136.5	2 pints
Gallon (gal)	Imperial	4546.1	4 quarts