

# Clearing Fractions

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# Vocabulary

LCD- the smallest number that is a common denominator of a given fraction, also called lowest common denominator

LCM- the smallest common multiple of two or more numbers

# Fully Explained

$$x + 2/6 = 2x - 1/2$$

# Fully Explained

$$\frac{2}{3} + 3y = 5y - \frac{2}{15}$$

# Guided

$$\frac{1}{2} + 4m = 3m - \frac{5}{2}$$

# Guided

$$\frac{5}{8} = -3x + \frac{7}{4}x$$

Solving

$$8\left(\frac{5}{8} = -3x + \frac{7}{4}x\right)$$

$$40/8 = -24x + 56/4x$$

$$5 = -24x + 14x$$

$$5 = -10x$$

$$-10x = 5$$

$$x = -\frac{1}{2}$$

Questions: What is the LCD?

What should I multiply all of the numerators by?

# You Try!

$$2/4x - 8/2 = 2x + 28/14$$

# You Try!

$$\frac{7}{8}x - \frac{1}{4} + \frac{3}{4}x = \frac{1}{2} + x$$



# Conclusion

Thank you, for being such a great audience, and that is how you solve clearing fractions!!

