

Solving for x: Lesson 11

Clearing Fractions: Notes

Name: _____



Steps:

1. Notice if the terms have a lot of _____, _____, or _____.
2. Decide what to _____ or _____ everything by.
Decimals and extra zeroes: _____ decimals back and forth.
Fractions: Find a common _____ for all terms.
3. _____ or divide each term by your choice to make it prettier!

Eliminate decimals:

$$\underline{\hspace{2cm}} (4.56d + 5.80d + 7.6 = 9.75 - 2d)$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} - \underline{\hspace{2cm}}$$

Eliminate zeroes:

$$56,000y - 48,000 = 18,000y + 23,000$$

Clear fractions:

$$\frac{3}{8}b + \frac{3}{10} - \frac{2}{5}b = \frac{3}{4}b - 5$$

Common denominator: _____

$$\frac{-5}{2}j - 6 - \frac{3}{4}(10j - 8) = \frac{1}{2}(3j + 8) - 7$$
