

A.A.25: Solving Equations with Fractional Expressions 3: Solve equations involving fractional expressions. Note: Expressions which result in linear equations in one variable.

1 Solve: $\frac{3x+1}{3} = \frac{4x+5}{4} - \frac{8+x}{6} + \frac{2x+5}{8}$

2 Solve: $\frac{x+3}{2} + \frac{x-3}{3} - x = \frac{4x-2}{6} + \frac{x}{3} - 5$

3 Solve: $2x - 1 - \frac{2x-2}{2} = \frac{3x+1}{5} + \frac{x+1}{4}$

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Answer Section

1 ANS:

$$-\frac{5}{2}$$

REF: 019104al

2 ANS:

$$5$$

REF: 089606al

3 ANS:

$$-\frac{5}{2}$$

REF: 069805al