Algebraic Fractions (Equations)

SCAN ME

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CHECK YOUR ANSWERS

SCAN ME

1 Solve $\frac{x+9}{5} + \frac{x+2}{4} = 5$ **[3 marks]**

Answer _____

2 Solve $\frac{x-1}{2} + \frac{x+4}{5} = 8$ **[3 marks]**

Answer _____

6

3 Solve $\frac{x+5}{3} - \frac{x-2}{4} = 3$ **[3 marks]**

Answer _____

4 Solve $\frac{x+2}{8} + \frac{5-x}{3} = 2$ **[3 marks]**

Answer _____

Solutions

5 Solve $\frac{3}{x+5} + \frac{1}{x+3} = 2$ **[4 marks]**

Answer _____

6 Solve $\frac{2}{2x+3} + \frac{3}{x-2} = 1$ **[4 marks]**

Answer _____

14

7 Solve $\frac{3x+1}{x+1} - \frac{1}{x+3} = 4$ **[5 marks]**

Answer _____

8 Solve $\frac{7}{3x+1} - \frac{2}{x-3} = 3$ **[5 marks]**

Answer _____

Solutions

9 Solve $\frac{6}{x+7} + \frac{2}{x-5} = \frac{2}{3}$ **[5 marks]**

Answer _____

10 Solve $\frac{5x+2}{x+1} - \frac{x+8}{x+3} = 2$ **[5 marks]**

Answer _____

20

11 Solve $\frac{x}{2x-1} + \frac{x-3}{2-x} = \frac{1}{4}$ **[5 marks]**

Answer _____

Solutions

12 Solve $\frac{1}{x-2} + \frac{x}{x+1} = -2$ giving your answer in the form $\frac{a \pm \sqrt{b}}{c}$

where a, b and c are integers. **[6 marks]**

Answer _____

11

Solutions