

Maths Worksheet

Algebraic expressions

Grade 9-10

Solve the equations

1. $\frac{21x-22}{5x+2} = \frac{3x+21}{x+8}$

2. $\frac{x-8}{4x+18} = \frac{x+1}{3x+12}$

3. $\frac{22x-8}{3x+1} = \frac{17x+2}{8x+28}$

4. $\frac{4x}{2x+18} = \frac{x+18}{3x-18}$

5. $\frac{8x+18}{5x-18} = \frac{5x+2}{2x+1.1}$

6. $\frac{22x-7}{x+15} = \frac{3x+18}{x-5}$

7. $\frac{2x+12}{3x+8} = \frac{x-7}{4x+1}$