

Maths Worksheet

Algebraic expressions

Grade 9-10

Solve the equations

1. $\frac{2x-5}{4x-7} = \frac{11x+28}{14x-6}$

2. $\frac{2x-18}{7x+1} = \frac{3x-18}{8x-9}$

3. $\frac{20x-2}{3x-7} = \frac{7x-5}{5x-28}$

4. $\frac{32x-80}{15x+1} = \frac{3x+37}{x-9}$

5. $\frac{3x+7}{4x-9} = \frac{8x+15}{2x-18}$

6. $\frac{8x-7}{5x-15} = \frac{x-17}{8x+18}$

7. $\frac{3x+7}{4x-6} = \frac{8x+18}{12x+22}$