

Algebraic Fractions 2

Exercise A

Simplify,

1. $\frac{3}{4x+2} + \frac{5}{2x-3}$

2. $\frac{7}{5x-4} + \frac{2}{3x+1}$

3. $\frac{6}{2x+3} + \frac{3}{5x-1}$

4. $\frac{2}{3x-5} + \frac{7}{4x+4}$

5. $\frac{5}{2x+1} + \frac{4}{3x-2}$

6. $\frac{4}{5x+3} - \frac{2}{3x-1}$

7. $\frac{6}{2x-4} - \frac{5}{4x+2}$

8. $\frac{3}{3x+2} - \frac{7}{5x-3}$

9. $\frac{7}{4x-5} - \frac{3}{2x+1}$

10. $\frac{5}{3x+4} - \frac{4}{2x-3}$

Exercise B

Simplify,

1. $\frac{2}{(2x+1)(x-3)} + \frac{3}{(2x+1)(3x+2)}$

2. $\frac{4}{(3x-2)(x+4)} + \frac{1}{(x+4)(2x-1)}$

3. $\frac{1}{(x-5)(2x+3)} + \frac{5}{(x-5)(x+1)}$

4. $\frac{3}{(x+2)(3x-1)} + \frac{2}{(x-4)(3x-1)}$

5. $\frac{5}{(2x-3)(x+6)} + \frac{4}{(x+6)(3x+1)}$

6. $\frac{1}{(x-1)(2x+3)} - \frac{2}{(x-1)(x+2)}$

7. $\frac{3}{(2x+1)(x-2)} - \frac{1}{(x-2)(3x+4)}$

8. $\frac{4}{(3x-1)(x+5)} - \frac{2}{(3x-1)(2x-3)}$

9. $\frac{2}{(x+3)(2x-1)} - \frac{5}{(x+3)(x-4)}$

10. $\frac{5}{(2x-3)(x+1)} - \frac{3}{(x+1)(3x+2)}$
