



SCAN ME

Algebraic Fractions (Operations)



SCAN ME

REVISE THIS TOPIC

CHECK YOUR ANSWERS

1 Write $\frac{5y}{6} + \frac{y}{4}$ as a single fraction in its simplest form. [2 marks]

Answer _____

2 Write $\frac{x}{2} - \frac{2x}{5}$ as a single fraction in its simplest form. [2 marks]

Answer _____

3 Write $\frac{1}{3a} + \frac{4}{a}$ as a single fraction in its simplest form. [2 marks]

Answer _____

$\frac{\quad}{6}$





4 Write $\frac{4b}{5} \times \frac{b}{6}$ as a single fraction in its simplest form. [2 marks]

Answer _____

5 Write $\frac{4c}{9} \div \frac{8}{3c^2}$ as a single fraction in its simplest form. [2 marks]

Answer _____

6 Write $\frac{3xy}{4} \times \frac{y}{6x}$ as a single fraction in its simplest form. [2 marks]

Answer _____





7 Write $\frac{4}{a} + \frac{3}{b} - \frac{7}{ab}$ as a single fraction in its simplest form. [3 marks]

Answer _____

8 Write $\frac{2x}{y} \times \frac{5}{3x^2} \times \frac{y^6}{20}$ as a single fraction in its simplest form. [3 marks]

Answer _____

9 Write $\frac{2}{xy} + \frac{y}{x} + \frac{6}{x^2}$ as a single fraction in its simplest form. [3 marks]

Answer _____

Turn over ►





10 Write $\frac{5}{2x^2y} - \frac{3}{8xy^3}$ as a single fraction in its simplest form. **[3 marks]**

Answer _____

11 Write $\frac{10xy}{6m^2n^2} \div \frac{5x^2y^2}{9mn^5}$ as a single fraction in its simplest form. **[3 marks]**

Answer _____

12 Write $\frac{x+2}{8} + \frac{2x}{3}$ as a single fraction in its simplest form. **[2 marks]**

Answer _____





13 Write $\frac{x+7}{6} + \frac{x+4}{9}$ as a single fraction in its simplest form. [3 marks]

Answer _____

14 Write $\frac{x+3}{4} - \frac{x+1}{5}$ as a single fraction in its simplest form. [3 marks]

Answer _____

15 Write $\frac{2x+3}{7} - \frac{x-4}{2}$ as a single fraction in its simplest form. [3 marks]

Answer _____

Turn over ►





16 Write $\frac{8}{x+2} + \frac{1}{2x}$ as a single fraction in its simplest form. [2 marks]

Answer _____

17 Write $\frac{10}{x+4} + \frac{5}{x+5}$ as a single fraction in its simplest form. [3 marks]

Answer _____

18 Write $\frac{9}{x+8} - \frac{5}{x-5}$ as a single fraction in its simplest form. [3 marks]

Answer _____





19 Write $\frac{5}{x-3} - \frac{3}{x+3}$ as a single fraction in its simplest form. [3 marks]

Answer _____

20 Write $\frac{x}{x-1} - \frac{2}{x+3}$ as a single fraction in its simplest form. [3 marks]

Answer _____

21 Write $\frac{1}{2x-3} - \frac{x}{3x+5}$ as a single fraction in its simplest form. [4 marks]

Answer _____

