

**Question 1** [25 marks]

- 0:  $\frac{2}{9} + \frac{4}{9} = \frac{2}{3}$
- 1:  $\frac{4}{6} \times \frac{2}{6} = \underline{\hspace{2cm}}$
- 2:  $\frac{1}{9} \div \frac{5}{11} = \underline{\hspace{2cm}}$
- 3:  $\frac{1}{12} \times \frac{1}{7} = \underline{\hspace{2cm}}$
- 4:  $\frac{1}{7} \times \frac{2}{9} = \underline{\hspace{2cm}}$
- 5:  $\frac{3}{8} + \frac{5}{6} = \underline{\hspace{2cm}}$
- 6:  $\frac{4}{9} \div \frac{4}{11} = \underline{\hspace{2cm}}$
- 7:  $\frac{2}{9} \times \frac{4}{12} = \underline{\hspace{2cm}}$
- 8:  $\frac{3}{10} - \frac{2}{9} = \underline{\hspace{2cm}}$
- 9:  $\frac{4}{9} \div \frac{3}{9} = \underline{\hspace{2cm}}$
- 10:  $\frac{1}{6} \div \frac{2}{8} = \underline{\hspace{2cm}}$
- 11:  $\frac{4}{12} \times \frac{2}{8} = \underline{\hspace{2cm}}$
- 12:  $\frac{3}{10} + \frac{1}{7} = \underline{\hspace{2cm}}$
- 13:  $\frac{1}{12} \div \frac{3}{12} = \underline{\hspace{2cm}}$
- 14:  $\frac{2}{10} \times \frac{3}{7} = \underline{\hspace{2cm}}$
- 15:  $\frac{3}{12} - \frac{1}{7} = \underline{\hspace{2cm}}$
- 16:  $\frac{1}{6} \div \frac{3}{12} = \underline{\hspace{2cm}}$
- 17:  $\frac{1}{12} + \frac{1}{8} = \underline{\hspace{2cm}}$
- 18:  $\frac{1}{7} \div \frac{4}{11} = \underline{\hspace{2cm}}$
- 19:  $\frac{5}{12} + \frac{4}{7} = \underline{\hspace{2cm}}$
- 20:  $\frac{1}{7} \times \frac{1}{7} = \underline{\hspace{2cm}}$
- 21:  $\frac{2}{12} \div \frac{5}{6} = \underline{\hspace{2cm}}$
- 22:  $\frac{2}{11} \div \frac{4}{8} = \underline{\hspace{2cm}}$
- 23:  $\frac{2}{12} + \frac{2}{12} = \underline{\hspace{2cm}}$
- 24:  $\frac{4}{12} - \frac{3}{12} = \underline{\hspace{2cm}}$
- 25:  $\frac{2}{8} \times \frac{4}{7} = \underline{\hspace{2cm}}$

**Question 2** [25 marks]

- 0:  $\frac{4}{7} \div \frac{3}{12} = 2\frac{2}{7}$
- 1:  $\frac{1}{6} \div \frac{4}{12} = \underline{\hspace{2cm}}$
- 2:  $\frac{1}{6} \div \frac{4}{11} = \underline{\hspace{2cm}}$
- 3:  $\frac{1}{6} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 4:  $\frac{5}{10} + \frac{1}{12} = \underline{\hspace{2cm}}$
- 5:  $\frac{2}{11} \div \frac{3}{6} = \underline{\hspace{2cm}}$
- 6:  $\frac{4}{8} \div \frac{2}{6} = \underline{\hspace{2cm}}$
- 7:  $\frac{4}{7} \div \frac{1}{7} = \underline{\hspace{2cm}}$
- 8:  $\frac{4}{9} \div \frac{2}{10} = \underline{\hspace{2cm}}$
- 9:  $\frac{1}{8} \times \frac{3}{8} = \underline{\hspace{2cm}}$
- 10:  $\frac{4}{10} \div \frac{1}{7} = \underline{\hspace{2cm}}$
- 11:  $\frac{1}{10} \times \frac{2}{10} = \underline{\hspace{2cm}}$
- 12:  $\frac{5}{7} - \frac{4}{7} = \underline{\hspace{2cm}}$
- 13:  $\frac{3}{9} - \frac{5}{9} = \underline{\hspace{2cm}}$
- 14:  $\frac{3}{11} \times \frac{3}{7} = \underline{\hspace{2cm}}$
- 15:  $\frac{1}{9} + \frac{4}{12} = \underline{\hspace{2cm}}$
- 16:  $\frac{1}{7} - \frac{3}{8} = \underline{\hspace{2cm}}$
- 17:  $\frac{1}{10} \times \frac{1}{6} = \underline{\hspace{2cm}}$
- 18:  $\frac{1}{11} + \frac{1}{11} = \underline{\hspace{2cm}}$
- 19:  $\frac{4}{8} \times \frac{4}{8} = \underline{\hspace{2cm}}$
- 20:  $\frac{5}{12} \times \frac{2}{10} = \underline{\hspace{2cm}}$
- 21:  $\frac{3}{8} + \frac{5}{12} = \underline{\hspace{2cm}}$
- 22:  $\frac{2}{8} - \frac{3}{12} = \underline{\hspace{2cm}}$
- 23:  $\frac{5}{10} \times \frac{1}{9} = \underline{\hspace{2cm}}$
- 24:  $\frac{2}{10} - \frac{4}{6} = \underline{\hspace{2cm}}$
- 25:  $\frac{4}{8} \div \frac{3}{8} = \underline{\hspace{2cm}}$

**Question 3** [25 marks]

- 0:  $\frac{4}{11} \times \frac{1}{12} = \frac{1}{33}$
- 1:  $\frac{4}{10} \times \frac{1}{11} =$  \_\_\_\_\_
- 2:  $\frac{3}{6} + \frac{2}{10} =$  \_\_\_\_\_
- 3:  $\frac{3}{12} + \frac{2}{11} =$  \_\_\_\_\_
- 4:  $\frac{2}{7} \div \frac{4}{10} =$  \_\_\_\_\_
- 5:  $\frac{1}{6} + \frac{4}{8} =$  \_\_\_\_\_
- 6:  $\frac{3}{7} \div \frac{2}{6} =$  \_\_\_\_\_
- 7:  $\frac{4}{9} - \frac{4}{10} =$  \_\_\_\_\_
- 8:  $\frac{3}{10} \times \frac{2}{8} =$  \_\_\_\_\_
- 9:  $\frac{1}{12} \times \frac{1}{11} =$  \_\_\_\_\_
- 10:  $\frac{3}{7} \times \frac{2}{8} =$  \_\_\_\_\_
- 11:  $\frac{2}{11} \times \frac{1}{8} =$  \_\_\_\_\_
- 12:  $\frac{3}{11} \times \frac{3}{12} =$  \_\_\_\_\_
- 13:  $\frac{4}{12} \div \frac{5}{11} =$  \_\_\_\_\_
- 14:  $\frac{5}{10} \div \frac{4}{11} =$  \_\_\_\_\_
- 15:  $\frac{1}{10} + \frac{5}{7} =$  \_\_\_\_\_
- 16:  $\frac{3}{7} \div \frac{4}{11} =$  \_\_\_\_\_
- 17:  $\frac{4}{9} \div \frac{2}{6} =$  \_\_\_\_\_
- 18:  $\frac{1}{6} - \frac{4}{11} =$  \_\_\_\_\_
- 19:  $\frac{5}{11} + \frac{5}{8} =$  \_\_\_\_\_
- 20:  $\frac{3}{12} \times \frac{5}{7} =$  \_\_\_\_\_
- 21:  $\frac{1}{7} \div \frac{1}{12} =$  \_\_\_\_\_
- 22:  $\frac{4}{11} + \frac{2}{12} =$  \_\_\_\_\_
- 23:  $\frac{5}{8} - \frac{3}{11} =$  \_\_\_\_\_
- 24:  $\frac{2}{8} - \frac{2}{8} =$  \_\_\_\_\_
- 25:  $\frac{4}{12} \times \frac{5}{12} =$  \_\_\_\_\_

**Question 4** [25 marks]

- 0:  $\frac{2}{12} + \frac{2}{12} = \frac{1}{3}$
- 1:  $\frac{3}{6} - \frac{1}{9} =$  \_\_\_\_\_
- 2:  $\frac{2}{8} - \frac{3}{10} =$  \_\_\_\_\_
- 3:  $\frac{2}{7} + \frac{5}{6} =$  \_\_\_\_\_
- 4:  $\frac{1}{11} \times \frac{2}{11} =$  \_\_\_\_\_
- 5:  $\frac{4}{8} \times \frac{2}{10} =$  \_\_\_\_\_
- 6:  $\frac{3}{6} \div \frac{2}{9} =$  \_\_\_\_\_
- 7:  $\frac{3}{6} \div \frac{4}{6} =$  \_\_\_\_\_
- 8:  $\frac{2}{9} + \frac{5}{8} =$  \_\_\_\_\_
- 9:  $\frac{2}{10} \div \frac{4}{10} =$  \_\_\_\_\_
- 10:  $\frac{3}{10} - \frac{4}{9} =$  \_\_\_\_\_
- 11:  $\frac{3}{9} + \frac{2}{12} =$  \_\_\_\_\_
- 12:  $\frac{4}{11} - \frac{4}{6} =$  \_\_\_\_\_
- 13:  $\frac{2}{11} \div \frac{5}{10} =$  \_\_\_\_\_
- 14:  $\frac{3}{10} - \frac{4}{10} =$  \_\_\_\_\_
- 15:  $\frac{2}{7} - \frac{4}{11} =$  \_\_\_\_\_
- 16:  $\frac{5}{9} + \frac{4}{10} =$  \_\_\_\_\_
- 17:  $\frac{3}{12} - \frac{2}{12} =$  \_\_\_\_\_
- 18:  $\frac{3}{10} \div \frac{3}{12} =$  \_\_\_\_\_
- 19:  $\frac{3}{7} - \frac{3}{8} =$  \_\_\_\_\_
- 20:  $\frac{5}{7} + \frac{1}{8} =$  \_\_\_\_\_
- 21:  $\frac{2}{12} - \frac{4}{12} =$  \_\_\_\_\_
- 22:  $\frac{1}{8} \div \frac{3}{10} =$  \_\_\_\_\_
- 23:  $\frac{2}{9} \div \frac{2}{6} =$  \_\_\_\_\_
- 24:  $\frac{3}{10} + \frac{5}{8} =$  \_\_\_\_\_
- 25:  $\frac{2}{10} \times \frac{1}{12} =$  \_\_\_\_\_

**Question 5** [25 marks]

- 0:  $\frac{3}{12} \div \frac{3}{12} = 1$
- 1:  $\frac{4}{7} - \frac{2}{12} = \underline{\hspace{2cm}}$
- 2:  $\frac{3}{9} \times \frac{5}{7} = \underline{\hspace{2cm}}$
- 3:  $\frac{5}{9} \times \frac{2}{6} = \underline{\hspace{2cm}}$
- 4:  $\frac{4}{8} \times \frac{5}{6} = \underline{\hspace{2cm}}$
- 5:  $\frac{5}{11} - \frac{1}{11} = \underline{\hspace{2cm}}$
- 6:  $\frac{3}{8} \div \frac{1}{6} = \underline{\hspace{2cm}}$
- 7:  $\frac{4}{6} - \frac{1}{7} = \underline{\hspace{2cm}}$
- 8:  $\frac{1}{6} \div \frac{5}{10} = \underline{\hspace{2cm}}$
- 9:  $\frac{5}{12} \times \frac{2}{12} = \underline{\hspace{2cm}}$
- 10:  $\frac{4}{10} - \frac{1}{9} = \underline{\hspace{2cm}}$
- 11:  $\frac{4}{10} - \frac{5}{12} = \underline{\hspace{2cm}}$
- 12:  $\frac{2}{8} \times \frac{3}{10} = \underline{\hspace{2cm}}$
- 13:  $\frac{5}{11} \times \frac{5}{6} = \underline{\hspace{2cm}}$
- 14:  $\frac{2}{12} + \frac{1}{6} = \underline{\hspace{2cm}}$
- 15:  $\frac{1}{11} + \frac{5}{10} = \underline{\hspace{2cm}}$
- 16:  $\frac{4}{8} \div \frac{4}{9} = \underline{\hspace{2cm}}$
- 17:  $\frac{4}{6} \times \frac{5}{8} = \underline{\hspace{2cm}}$
- 18:  $\frac{5}{9} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 19:  $\frac{1}{10} - \frac{2}{9} = \underline{\hspace{2cm}}$
- 20:  $\frac{4}{12} \div \frac{2}{12} = \underline{\hspace{2cm}}$
- 21:  $\frac{5}{7} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 22:  $\frac{5}{9} \times \frac{2}{7} = \underline{\hspace{2cm}}$
- 23:  $\frac{4}{11} \times \frac{5}{11} = \underline{\hspace{2cm}}$
- 24:  $\frac{5}{9} \div \frac{5}{7} = \underline{\hspace{2cm}}$
- 25:  $\frac{4}{9} \times \frac{4}{6} = \underline{\hspace{2cm}}$

**Question 6** [25 marks]

- 0:  $\frac{4}{12} + \frac{4}{9} = \frac{7}{9}$
- 1:  $\frac{4}{12} \div \frac{3}{11} = \underline{\hspace{2cm}}$
- 2:  $\frac{4}{6} - \frac{2}{8} = \underline{\hspace{2cm}}$
- 3:  $\frac{4}{10} \times \frac{2}{9} = \underline{\hspace{2cm}}$
- 4:  $\frac{5}{9} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 5:  $\frac{3}{8} \times \frac{2}{11} = \underline{\hspace{2cm}}$
- 6:  $\frac{2}{8} + \frac{4}{8} = \underline{\hspace{2cm}}$
- 7:  $\frac{5}{9} - \frac{2}{9} = \underline{\hspace{2cm}}$
- 8:  $\frac{2}{10} \times \frac{1}{8} = \underline{\hspace{2cm}}$
- 9:  $\frac{5}{11} \div \frac{1}{8} = \underline{\hspace{2cm}}$
- 10:  $\frac{5}{8} \times \frac{1}{8} = \underline{\hspace{2cm}}$
- 11:  $\frac{3}{9} - \frac{3}{12} = \underline{\hspace{2cm}}$
- 12:  $\frac{1}{6} + \frac{3}{10} = \underline{\hspace{2cm}}$
- 13:  $\frac{2}{9} - \frac{2}{8} = \underline{\hspace{2cm}}$
- 14:  $\frac{2}{9} - \frac{1}{6} = \underline{\hspace{2cm}}$
- 15:  $\frac{2}{10} \div \frac{1}{6} = \underline{\hspace{2cm}}$
- 16:  $\frac{1}{7} \div \frac{5}{6} = \underline{\hspace{2cm}}$
- 17:  $\frac{2}{7} + \frac{2}{9} = \underline{\hspace{2cm}}$
- 18:  $\frac{3}{9} + \frac{2}{6} = \underline{\hspace{2cm}}$
- 19:  $\frac{5}{12} - \frac{1}{7} = \underline{\hspace{2cm}}$
- 20:  $\frac{4}{8} - \frac{3}{9} = \underline{\hspace{2cm}}$
- 21:  $\frac{3}{12} \times \frac{4}{8} = \underline{\hspace{2cm}}$
- 22:  $\frac{1}{7} + \frac{3}{7} = \underline{\hspace{2cm}}$
- 23:  $\frac{2}{10} \div \frac{4}{9} = \underline{\hspace{2cm}}$
- 24:  $\frac{3}{10} \div \frac{4}{9} = \underline{\hspace{2cm}}$
- 25:  $\frac{5}{7} \times \frac{4}{6} = \underline{\hspace{2cm}}$

**Question 7** [25 marks]

- 0:  $\frac{4}{11} \div \frac{4}{9} = \frac{9}{11}$
- 1:  $\frac{5}{9} \times \frac{5}{12} = \underline{\hspace{2cm}}$
- 2:  $\frac{2}{8} \div \frac{2}{12} = \underline{\hspace{2cm}}$
- 3:  $\frac{5}{6} - \frac{5}{12} = \underline{\hspace{2cm}}$
- 4:  $\frac{1}{8} - \frac{4}{9} = \underline{\hspace{2cm}}$
- 5:  $\frac{1}{9} \times \frac{5}{10} = \underline{\hspace{2cm}}$
- 6:  $\frac{3}{10} \div \frac{2}{8} = \underline{\hspace{2cm}}$
- 7:  $\frac{2}{12} + \frac{1}{10} = \underline{\hspace{2cm}}$
- 8:  $\frac{1}{10} + \frac{4}{9} = \underline{\hspace{2cm}}$
- 9:  $\frac{5}{7} + \frac{4}{7} = \underline{\hspace{2cm}}$
- 10:  $\frac{4}{6} - \frac{1}{7} = \underline{\hspace{2cm}}$
- 11:  $\frac{1}{6} + \frac{1}{8} = \underline{\hspace{2cm}}$
- 12:  $\frac{5}{12} \div \frac{5}{11} = \underline{\hspace{2cm}}$
- 13:  $\frac{2}{8} + \frac{3}{7} = \underline{\hspace{2cm}}$
- 14:  $\frac{1}{11} \div \frac{1}{7} = \underline{\hspace{2cm}}$
- 15:  $\frac{2}{7} + \frac{5}{7} = \underline{\hspace{2cm}}$
- 16:  $\frac{5}{7} \div \frac{5}{9} = \underline{\hspace{2cm}}$
- 17:  $\frac{3}{11} - \frac{1}{9} = \underline{\hspace{2cm}}$
- 18:  $\frac{3}{6} - \frac{4}{9} = \underline{\hspace{2cm}}$
- 19:  $\frac{5}{11} \times \frac{2}{8} = \underline{\hspace{2cm}}$
- 20:  $\frac{5}{6} - \frac{4}{12} = \underline{\hspace{2cm}}$
- 21:  $\frac{3}{7} \div \frac{3}{7} = \underline{\hspace{2cm}}$
- 22:  $\frac{2}{7} \times \frac{5}{6} = \underline{\hspace{2cm}}$
- 23:  $\frac{2}{8} \div \frac{4}{8} = \underline{\hspace{2cm}}$
- 24:  $\frac{4}{8} \div \frac{3}{6} = \underline{\hspace{2cm}}$
- 25:  $\frac{1}{7} \times \frac{2}{6} = \underline{\hspace{2cm}}$

**Question 8** [25 marks]

- 0:  $\frac{4}{11} \times \frac{4}{10} = \frac{8}{55}$
- 1:  $\frac{1}{7} \div \frac{5}{11} = \underline{\hspace{2cm}}$
- 2:  $\frac{5}{6} - \frac{4}{12} = \underline{\hspace{2cm}}$
- 3:  $\frac{4}{6} \div \frac{2}{7} = \underline{\hspace{2cm}}$
- 4:  $\frac{5}{8} \div \frac{2}{9} = \underline{\hspace{2cm}}$
- 5:  $\frac{4}{9} \div \frac{2}{11} = \underline{\hspace{2cm}}$
- 6:  $\frac{2}{11} \div \frac{1}{12} = \underline{\hspace{2cm}}$
- 7:  $\frac{4}{9} \times \frac{3}{9} = \underline{\hspace{2cm}}$
- 8:  $\frac{2}{10} \times \frac{1}{9} = \underline{\hspace{2cm}}$
- 9:  $\frac{3}{9} - \frac{4}{11} = \underline{\hspace{2cm}}$
- 10:  $\frac{3}{12} - \frac{4}{8} = \underline{\hspace{2cm}}$
- 11:  $\frac{4}{8} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 12:  $\frac{4}{8} \times \frac{4}{7} = \underline{\hspace{2cm}}$
- 13:  $\frac{3}{8} - \frac{4}{6} = \underline{\hspace{2cm}}$
- 14:  $\frac{5}{12} \div \frac{4}{8} = \underline{\hspace{2cm}}$
- 15:  $\frac{5}{8} + \frac{4}{12} = \underline{\hspace{2cm}}$
- 16:  $\frac{1}{6} \div \frac{3}{9} = \underline{\hspace{2cm}}$
- 17:  $\frac{5}{8} + \frac{3}{10} = \underline{\hspace{2cm}}$
- 18:  $\frac{2}{12} \times \frac{4}{8} = \underline{\hspace{2cm}}$
- 19:  $\frac{3}{12} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 20:  $\frac{4}{7} + \frac{3}{9} = \underline{\hspace{2cm}}$
- 21:  $\frac{3}{7} \times \frac{4}{8} = \underline{\hspace{2cm}}$
- 22:  $\frac{5}{12} \div \frac{1}{9} = \underline{\hspace{2cm}}$
- 23:  $\frac{2}{12} \div \frac{4}{12} = \underline{\hspace{2cm}}$
- 24:  $\frac{3}{7} + \frac{2}{9} = \underline{\hspace{2cm}}$
- 25:  $\frac{3}{11} \times \frac{4}{8} = \underline{\hspace{2cm}}$

**Question 9** [25 marks]

0:  $\frac{5}{7} \div \frac{10}{3} = \frac{3}{14}$

1:  $\frac{1}{4} \div \frac{10}{12} = \underline{\hspace{2cm}}$

2:  $\frac{12}{11} - \frac{12}{12} = \underline{\hspace{2cm}}$

3:  $\frac{12}{8} - \frac{10}{9} = \underline{\hspace{2cm}}$

4:  $\frac{2}{11} + \frac{10}{6} = \underline{\hspace{2cm}}$

5:  $\frac{2}{5} + \frac{8}{5} = \underline{\hspace{2cm}}$

6:  $\frac{7}{9} \div \frac{11}{6} = \underline{\hspace{2cm}}$

7:  $\frac{2}{2} \div \frac{8}{7} = \underline{\hspace{2cm}}$

8:  $\frac{11}{7} - \frac{12}{3} = \underline{\hspace{2cm}}$

9:  $\frac{12}{7} + \frac{6}{2} = \underline{\hspace{2cm}}$

10:  $\frac{2}{8} - \frac{8}{10} = \underline{\hspace{2cm}}$

11:  $\frac{5}{5} \times \frac{12}{4} = \underline{\hspace{2cm}}$

12:  $\frac{9}{10} \times \frac{7}{5} = \underline{\hspace{2cm}}$

13:  $\frac{3}{2} \times \frac{8}{9} = \underline{\hspace{2cm}}$

14:  $\frac{4}{7} - \frac{9}{12} = \underline{\hspace{2cm}}$

15:  $\frac{1}{11} - \frac{9}{3} = \underline{\hspace{2cm}}$

16:  $\frac{6}{12} \times \frac{8}{2} = \underline{\hspace{2cm}}$

17:  $\frac{7}{11} \times \frac{5}{8} = \underline{\hspace{2cm}}$

18:  $\frac{7}{4} \times \frac{7}{9} = \underline{\hspace{2cm}}$

19:  $\frac{12}{7} \times \frac{4}{6} = \underline{\hspace{2cm}}$

20:  $\frac{12}{6} \div \frac{10}{2} = \underline{\hspace{2cm}}$

21:  $\frac{1}{6} \div \frac{10}{9} = \underline{\hspace{2cm}}$

22:  $\frac{8}{6} \div \frac{1}{3} = \underline{\hspace{2cm}}$

23:  $\frac{5}{3} \div \frac{6}{10} = \underline{\hspace{2cm}}$

24:  $\frac{10}{3} - \frac{7}{10} = \underline{\hspace{2cm}}$

25:  $\frac{2}{12} \times \frac{11}{9} = \underline{\hspace{2cm}}$

**Question 10** [25 marks]

0:  $\frac{5}{6} + \frac{8}{11} = 1\frac{37}{66}$

1:  $\frac{12}{11} \div \frac{8}{7} = \underline{\hspace{2cm}}$

2:  $\frac{11}{12} - \frac{8}{2} = \underline{\hspace{2cm}}$

3:  $\frac{12}{5} - \frac{7}{12} = \underline{\hspace{2cm}}$

4:  $\frac{4}{12} \div \frac{8}{10} = \underline{\hspace{2cm}}$

5:  $\frac{8}{7} \div \frac{3}{9} = \underline{\hspace{2cm}}$

6:  $\frac{7}{3} \div \frac{11}{8} = \underline{\hspace{2cm}}$

7:  $\frac{5}{7} + \frac{6}{4} = \underline{\hspace{2cm}}$

8:  $\frac{4}{4} \div \frac{11}{11} = \underline{\hspace{2cm}}$

9:  $\frac{8}{7} \times \frac{4}{3} = \underline{\hspace{2cm}}$

10:  $\frac{10}{5} - \frac{10}{8} = \underline{\hspace{2cm}}$

11:  $\frac{5}{8} \div \frac{9}{5} = \underline{\hspace{2cm}}$

12:  $\frac{3}{10} - \frac{3}{10} = \underline{\hspace{2cm}}$

13:  $\frac{10}{3} + \frac{2}{2} = \underline{\hspace{2cm}}$

14:  $\frac{6}{8} \div \frac{1}{3} = \underline{\hspace{2cm}}$

15:  $\frac{8}{5} \times \frac{12}{7} = \underline{\hspace{2cm}}$

16:  $\frac{6}{11} - \frac{3}{7} = \underline{\hspace{2cm}}$

17:  $\frac{3}{5} - \frac{10}{3} = \underline{\hspace{2cm}}$

18:  $\frac{4}{2} + \frac{2}{6} = \underline{\hspace{2cm}}$

19:  $\frac{9}{11} - \frac{8}{10} = \underline{\hspace{2cm}}$

20:  $\frac{9}{2} + \frac{1}{7} = \underline{\hspace{2cm}}$

21:  $\frac{11}{8} \times \frac{2}{11} = \underline{\hspace{2cm}}$

22:  $\frac{11}{9} \div \frac{8}{10} = \underline{\hspace{2cm}}$

23:  $\frac{2}{3} \times \frac{10}{12} = \underline{\hspace{2cm}}$

24:  $\frac{4}{11} + \frac{1}{8} = \underline{\hspace{2cm}}$

25:  $\frac{5}{5} + \frac{1}{7} = \underline{\hspace{2cm}}$

**Question 11** [25 marks]

- 0:  $\frac{3}{3} + \frac{11}{11} = 2$
- 1:  $\frac{8}{11} + \frac{11}{8} = \underline{\hspace{2cm}}$
- 2:  $\frac{3}{8} \div \frac{3}{2} = \underline{\hspace{2cm}}$
- 3:  $\frac{11}{4} \times \frac{3}{4} = \underline{\hspace{2cm}}$
- 4:  $\frac{8}{9} \times \frac{4}{4} = \underline{\hspace{2cm}}$
- 5:  $\frac{6}{9} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 6:  $\frac{9}{6} \times \frac{10}{4} = \underline{\hspace{2cm}}$
- 7:  $\frac{5}{4} \times \frac{8}{3} = \underline{\hspace{2cm}}$
- 8:  $\frac{1}{3} - \frac{3}{10} = \underline{\hspace{2cm}}$
- 9:  $\frac{9}{5} \div \frac{2}{5} = \underline{\hspace{2cm}}$
- 10:  $\frac{5}{12} - \frac{1}{8} = \underline{\hspace{2cm}}$
- 11:  $\frac{4}{3} \div \frac{9}{12} = \underline{\hspace{2cm}}$
- 12:  $\frac{6}{5} \times \frac{8}{6} = \underline{\hspace{2cm}}$
- 13:  $\frac{2}{3} \times \frac{5}{11} = \underline{\hspace{2cm}}$
- 14:  $\frac{9}{10} - \frac{6}{5} = \underline{\hspace{2cm}}$
- 15:  $\frac{5}{5} + \frac{8}{11} = \underline{\hspace{2cm}}$
- 16:  $\frac{7}{6} \div \frac{2}{4} = \underline{\hspace{2cm}}$
- 17:  $\frac{7}{7} - \frac{7}{12} = \underline{\hspace{2cm}}$
- 18:  $\frac{4}{2} \div \frac{3}{2} = \underline{\hspace{2cm}}$
- 19:  $\frac{2}{7} + \frac{4}{9} = \underline{\hspace{2cm}}$
- 20:  $\frac{10}{12} - \frac{8}{8} = \underline{\hspace{2cm}}$
- 21:  $\frac{4}{6} + \frac{9}{4} = \underline{\hspace{2cm}}$
- 22:  $\frac{4}{12} \div \frac{4}{6} = \underline{\hspace{2cm}}$
- 23:  $\frac{4}{5} \times \frac{11}{11} = \underline{\hspace{2cm}}$
- 24:  $\frac{8}{9} - \frac{9}{5} = \underline{\hspace{2cm}}$
- 25:  $\frac{9}{3} + \frac{10}{5} = \underline{\hspace{2cm}}$

**Question 12** [25 marks]

- 0:  $\frac{8}{10} \times \frac{12}{6} = 1\frac{3}{5}$
- 1:  $\frac{5}{6} + \frac{9}{8} = \underline{\hspace{2cm}}$
- 2:  $\frac{7}{10} \times \frac{12}{9} = \underline{\hspace{2cm}}$
- 3:  $\frac{8}{10} - \frac{6}{4} = \underline{\hspace{2cm}}$
- 4:  $\frac{10}{6} - \frac{7}{11} = \underline{\hspace{2cm}}$
- 5:  $\frac{1}{10} \div \frac{8}{10} = \underline{\hspace{2cm}}$
- 6:  $\frac{9}{9} \div \frac{4}{2} = \underline{\hspace{2cm}}$
- 7:  $\frac{12}{5} \times \frac{9}{6} = \underline{\hspace{2cm}}$
- 8:  $\frac{8}{10} \times \frac{8}{3} = \underline{\hspace{2cm}}$
- 9:  $\frac{1}{12} \times \frac{4}{5} = \underline{\hspace{2cm}}$
- 10:  $\frac{5}{3} + \frac{4}{2} = \underline{\hspace{2cm}}$
- 11:  $\frac{8}{3} \div \frac{4}{3} = \underline{\hspace{2cm}}$
- 12:  $\frac{10}{2} \div \frac{3}{4} = \underline{\hspace{2cm}}$
- 13:  $\frac{9}{12} + \frac{5}{12} = \underline{\hspace{2cm}}$
- 14:  $\frac{12}{9} + \frac{11}{12} = \underline{\hspace{2cm}}$
- 15:  $\frac{1}{4} - \frac{12}{8} = \underline{\hspace{2cm}}$
- 16:  $\frac{6}{2} - \frac{2}{6} = \underline{\hspace{2cm}}$
- 17:  $\frac{1}{2} \times \frac{4}{6} = \underline{\hspace{2cm}}$
- 18:  $\frac{6}{8} \times \frac{2}{11} = \underline{\hspace{2cm}}$
- 19:  $\frac{8}{10} - \frac{7}{10} = \underline{\hspace{2cm}}$
- 20:  $\frac{11}{8} \div \frac{5}{12} = \underline{\hspace{2cm}}$
- 21:  $\frac{1}{5} - \frac{7}{5} = \underline{\hspace{2cm}}$
- 22:  $\frac{4}{5} - \frac{2}{3} = \underline{\hspace{2cm}}$
- 23:  $\frac{11}{9} + \frac{1}{10} = \underline{\hspace{2cm}}$
- 24:  $\frac{6}{10} + \frac{10}{10} = \underline{\hspace{2cm}}$
- 25:  $\frac{1}{9} - \frac{11}{4} = \underline{\hspace{2cm}}$

**Question 13** [25 marks]

- 0:  $\frac{5}{9} + \frac{12}{3} = 4\frac{5}{9}$
- 1:  $\frac{2}{7} \times \frac{7}{11} = \underline{\hspace{2cm}}$
- 2:  $\frac{2}{7} \times \frac{12}{3} = \underline{\hspace{2cm}}$
- 3:  $\frac{1}{8} - \frac{6}{11} = \underline{\hspace{2cm}}$
- 4:  $\frac{2}{4} \div \frac{6}{5} = \underline{\hspace{2cm}}$
- 5:  $\frac{5}{9} - \frac{6}{9} = \underline{\hspace{2cm}}$
- 6:  $\frac{4}{2} \div \frac{2}{5} = \underline{\hspace{2cm}}$
- 7:  $\frac{6}{4} + \frac{2}{7} = \underline{\hspace{2cm}}$
- 8:  $\frac{10}{9} \times \frac{8}{10} = \underline{\hspace{2cm}}$
- 9:  $\frac{2}{7} \times \frac{11}{9} = \underline{\hspace{2cm}}$
- 10:  $\frac{10}{2} + \frac{3}{12} = \underline{\hspace{2cm}}$
- 11:  $\frac{11}{10} + \frac{5}{8} = \underline{\hspace{2cm}}$
- 12:  $\frac{7}{3} - \frac{12}{11} = \underline{\hspace{2cm}}$
- 13:  $\frac{4}{12} + \frac{8}{8} = \underline{\hspace{2cm}}$
- 14:  $\frac{7}{5} - \frac{11}{4} = \underline{\hspace{2cm}}$
- 15:  $\frac{10}{2} \div \frac{3}{2} = \underline{\hspace{2cm}}$
- 16:  $\frac{2}{12} \div \frac{9}{8} = \underline{\hspace{2cm}}$
- 17:  $\frac{10}{12} \div \frac{8}{9} = \underline{\hspace{2cm}}$
- 18:  $\frac{9}{6} \times \frac{4}{6} = \underline{\hspace{2cm}}$
- 19:  $\frac{12}{4} + \frac{1}{5} = \underline{\hspace{2cm}}$
- 20:  $\frac{9}{9} - \frac{9}{4} = \underline{\hspace{2cm}}$
- 21:  $\frac{8}{5} + \frac{7}{3} = \underline{\hspace{2cm}}$
- 22:  $\frac{3}{6} \times \frac{12}{7} = \underline{\hspace{2cm}}$
- 23:  $\frac{7}{8} \div \frac{11}{3} = \underline{\hspace{2cm}}$
- 24:  $\frac{9}{5} \times \frac{12}{3} = \underline{\hspace{2cm}}$
- 25:  $\frac{2}{8} + \frac{12}{7} = \underline{\hspace{2cm}}$

**Question 14** [25 marks]

- 0:  $\frac{9}{5} - \frac{8}{8} = \frac{4}{5}$
- 1:  $\frac{6}{10} \times \frac{11}{2} = \underline{\hspace{2cm}}$
- 2:  $\frac{10}{11} + \frac{9}{6} = \underline{\hspace{2cm}}$
- 3:  $\frac{9}{3} \times \frac{7}{3} = \underline{\hspace{2cm}}$
- 4:  $\frac{11}{7} - \frac{3}{7} = \underline{\hspace{2cm}}$
- 5:  $\frac{3}{4} \times \frac{1}{3} = \underline{\hspace{2cm}}$
- 6:  $\frac{2}{7} \div \frac{12}{11} = \underline{\hspace{2cm}}$
- 7:  $\frac{8}{10} \times \frac{12}{5} = \underline{\hspace{2cm}}$
- 8:  $\frac{10}{8} \div \frac{5}{5} = \underline{\hspace{2cm}}$
- 9:  $\frac{7}{11} \times \frac{7}{8} = \underline{\hspace{2cm}}$
- 10:  $\frac{4}{3} - \frac{9}{4} = \underline{\hspace{2cm}}$
- 11:  $\frac{8}{10} - \frac{9}{8} = \underline{\hspace{2cm}}$
- 12:  $\frac{6}{5} \times \frac{8}{7} = \underline{\hspace{2cm}}$
- 13:  $\frac{11}{3} - \frac{11}{8} = \underline{\hspace{2cm}}$
- 14:  $\frac{1}{12} - \frac{1}{5} = \underline{\hspace{2cm}}$
- 15:  $\frac{10}{2} - \frac{10}{9} = \underline{\hspace{2cm}}$
- 16:  $\frac{9}{7} + \frac{1}{12} = \underline{\hspace{2cm}}$
- 17:  $\frac{5}{6} \div \frac{1}{7} = \underline{\hspace{2cm}}$
- 18:  $\frac{8}{6} + \frac{11}{10} = \underline{\hspace{2cm}}$
- 19:  $\frac{7}{10} + \frac{6}{12} = \underline{\hspace{2cm}}$
- 20:  $\frac{2}{11} - \frac{7}{8} = \underline{\hspace{2cm}}$
- 21:  $\frac{9}{11} - \frac{1}{11} = \underline{\hspace{2cm}}$
- 22:  $\frac{5}{12} - \frac{4}{2} = \underline{\hspace{2cm}}$
- 23:  $\frac{3}{4} \div \frac{12}{6} = \underline{\hspace{2cm}}$
- 24:  $\frac{11}{12} \times \frac{8}{3} = \underline{\hspace{2cm}}$
- 25:  $\frac{9}{2} \times \frac{11}{10} = \underline{\hspace{2cm}}$

**Question 15** [25 marks]

0:  $\frac{8}{10} \times \frac{6}{8} = \frac{3}{5}$

1:  $\frac{11}{9} + \frac{11}{7} = \underline{\hspace{2cm}}$

2:  $\frac{3}{3} + \frac{5}{9} = \underline{\hspace{2cm}}$

3:  $\frac{1}{5} \div \frac{5}{3} = \underline{\hspace{2cm}}$

4:  $\frac{4}{8} - \frac{12}{10} = \underline{\hspace{2cm}}$

5:  $\frac{12}{2} \div \frac{3}{11} = \underline{\hspace{2cm}}$

6:  $\frac{9}{3} - \frac{2}{12} = \underline{\hspace{2cm}}$

7:  $\frac{7}{12} - \frac{6}{4} = \underline{\hspace{2cm}}$

8:  $\frac{12}{8} - \frac{4}{2} = \underline{\hspace{2cm}}$

9:  $\frac{3}{2} \div \frac{3}{5} = \underline{\hspace{2cm}}$

10:  $\frac{12}{9} \div \frac{6}{2} = \underline{\hspace{2cm}}$

11:  $\frac{2}{12} \div \frac{5}{8} = \underline{\hspace{2cm}}$

12:  $\frac{7}{11} - \frac{11}{10} = \underline{\hspace{2cm}}$

13:  $\frac{3}{7} + \frac{2}{3} = \underline{\hspace{2cm}}$

14:  $\frac{8}{12} - \frac{6}{3} = \underline{\hspace{2cm}}$

15:  $\frac{11}{12} - \frac{3}{8} = \underline{\hspace{2cm}}$

16:  $\frac{2}{8} \div \frac{11}{5} = \underline{\hspace{2cm}}$

17:  $\frac{8}{12} + \frac{2}{12} = \underline{\hspace{2cm}}$

18:  $\frac{12}{8} + \frac{10}{12} = \underline{\hspace{2cm}}$

19:  $\frac{12}{8} \div \frac{10}{8} = \underline{\hspace{2cm}}$

20:  $\frac{3}{9} - \frac{12}{7} = \underline{\hspace{2cm}}$

21:  $\frac{12}{8} + \frac{9}{9} = \underline{\hspace{2cm}}$

22:  $\frac{7}{12} - \frac{4}{8} = \underline{\hspace{2cm}}$

23:  $\frac{6}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$

24:  $\frac{8}{10} \div \frac{3}{6} = \underline{\hspace{2cm}}$

25:  $\frac{1}{10} - \frac{2}{10} = \underline{\hspace{2cm}}$

**Question 16** [25 marks]

0:  $\frac{3}{8} \div \frac{4}{2} = \frac{3}{16}$

1:  $\frac{4}{5} \times \frac{12}{6} = \underline{\hspace{2cm}}$

2:  $\frac{7}{10} \times \frac{6}{12} = \underline{\hspace{2cm}}$

3:  $\frac{7}{12} \div \frac{7}{10} = \underline{\hspace{2cm}}$

4:  $\frac{8}{12} + \frac{10}{6} = \underline{\hspace{2cm}}$

5:  $\frac{2}{12} + \frac{3}{7} = \underline{\hspace{2cm}}$

6:  $\frac{4}{10} \div \frac{6}{2} = \underline{\hspace{2cm}}$

7:  $\frac{9}{8} - \frac{5}{10} = \underline{\hspace{2cm}}$

8:  $\frac{4}{5} + \frac{7}{7} = \underline{\hspace{2cm}}$

9:  $\frac{3}{2} - \frac{7}{7} = \underline{\hspace{2cm}}$

10:  $\frac{12}{12} - \frac{8}{9} = \underline{\hspace{2cm}}$

11:  $\frac{3}{12} \times \frac{4}{5} = \underline{\hspace{2cm}}$

12:  $\frac{1}{10} \times \frac{8}{7} = \underline{\hspace{2cm}}$

13:  $\frac{3}{5} + \frac{12}{11} = \underline{\hspace{2cm}}$

14:  $\frac{9}{7} + \frac{6}{12} = \underline{\hspace{2cm}}$

15:  $\frac{12}{3} + \frac{12}{6} = \underline{\hspace{2cm}}$

16:  $\frac{4}{11} \times \frac{10}{8} = \underline{\hspace{2cm}}$

17:  $\frac{8}{8} + \frac{8}{10} = \underline{\hspace{2cm}}$

18:  $\frac{6}{6} - \frac{1}{4} = \underline{\hspace{2cm}}$

19:  $\frac{9}{2} + \frac{4}{10} = \underline{\hspace{2cm}}$

20:  $\frac{2}{4} \div \frac{3}{10} = \underline{\hspace{2cm}}$

21:  $\frac{12}{11} \div \frac{12}{6} = \underline{\hspace{2cm}}$

22:  $\frac{1}{8} - \frac{11}{9} = \underline{\hspace{2cm}}$

23:  $\frac{4}{11} \div \frac{12}{2} = \underline{\hspace{2cm}}$

24:  $\frac{5}{3} \times \frac{3}{10} = \underline{\hspace{2cm}}$

25:  $\frac{5}{9} \times \frac{7}{2} = \underline{\hspace{2cm}}$



**Question 17** [25 marks]

- 0:  $\frac{12}{11} + \frac{6}{15} = 1\frac{27}{55}$
- 1:  $\frac{1}{11} + \frac{14}{10} = \underline{\hspace{2cm}}$
- 2:  $\frac{7}{14} \div \frac{17}{6} = \underline{\hspace{2cm}}$
- 3:  $\frac{11}{15} \times \frac{3}{18} = \underline{\hspace{2cm}}$
- 4:  $\frac{7}{13} \times \frac{19}{13} = \underline{\hspace{2cm}}$
- 5:  $\frac{10}{10} \div \frac{1}{17} = \underline{\hspace{2cm}}$
- 6:  $\frac{7}{17} + \frac{13}{12} = \underline{\hspace{2cm}}$
- 7:  $\frac{3}{11} + \frac{19}{7} = \underline{\hspace{2cm}}$
- 8:  $\frac{4}{15} \div \frac{16}{2} = \underline{\hspace{2cm}}$
- 9:  $\frac{15}{9} \div \frac{9}{12} = \underline{\hspace{2cm}}$
- 10:  $\frac{13}{16} - \frac{9}{6} = \underline{\hspace{2cm}}$
- 11:  $\frac{3}{14} \times \frac{18}{19} = \underline{\hspace{2cm}}$
- 12:  $\frac{14}{8} - \frac{14}{9} = \underline{\hspace{2cm}}$
- 13:  $\frac{11}{14} - \frac{17}{11} = \underline{\hspace{2cm}}$
- 14:  $\frac{8}{15} + \frac{13}{13} = \underline{\hspace{2cm}}$
- 15:  $\frac{7}{4} \div \frac{7}{20} = \underline{\hspace{2cm}}$
- 16:  $\frac{19}{6} - \frac{13}{4} = \underline{\hspace{2cm}}$
- 17:  $\frac{13}{8} + \frac{3}{3} = \underline{\hspace{2cm}}$
- 18:  $\frac{9}{20} \div \frac{18}{16} = \underline{\hspace{2cm}}$
- 19:  $\frac{8}{6} \div \frac{18}{7} = \underline{\hspace{2cm}}$
- 20:  $\frac{15}{12} \times \frac{9}{4} = \underline{\hspace{2cm}}$
- 21:  $\frac{10}{14} \times \frac{6}{19} = \underline{\hspace{2cm}}$
- 22:  $\frac{6}{3} \times \frac{1}{13} = \underline{\hspace{2cm}}$
- 23:  $\frac{15}{3} - \frac{19}{15} = \underline{\hspace{2cm}}$
- 24:  $\frac{19}{4} \div \frac{15}{14} = \underline{\hspace{2cm}}$
- 25:  $\frac{4}{13} \times \frac{13}{5} = \underline{\hspace{2cm}}$

**Question 18** [25 marks]

- 0:  $\frac{3}{19} + \frac{3}{20} = \frac{117}{380}$
- 1:  $\frac{4}{9} + \frac{16}{15} = \underline{\hspace{2cm}}$
- 2:  $\frac{16}{15} \times \frac{18}{14} = \underline{\hspace{2cm}}$
- 3:  $\frac{10}{10} - \frac{8}{5} = \underline{\hspace{2cm}}$
- 4:  $\frac{19}{9} \times \frac{9}{13} = \underline{\hspace{2cm}}$
- 5:  $\frac{2}{17} + \frac{17}{7} = \underline{\hspace{2cm}}$
- 6:  $\frac{2}{5} \times \frac{16}{11} = \underline{\hspace{2cm}}$
- 7:  $\frac{15}{16} \div \frac{12}{14} = \underline{\hspace{2cm}}$
- 8:  $\frac{18}{11} - \frac{20}{13} = \underline{\hspace{2cm}}$
- 9:  $\frac{11}{17} \div \frac{11}{15} = \underline{\hspace{2cm}}$
- 10:  $\frac{9}{17} - \frac{18}{4} = \underline{\hspace{2cm}}$
- 11:  $\frac{8}{3} \div \frac{3}{18} = \underline{\hspace{2cm}}$
- 12:  $\frac{18}{19} \div \frac{7}{18} = \underline{\hspace{2cm}}$
- 13:  $\frac{13}{5} - \frac{12}{11} = \underline{\hspace{2cm}}$
- 14:  $\frac{2}{4} \times \frac{19}{10} = \underline{\hspace{2cm}}$
- 15:  $\frac{6}{15} - \frac{12}{7} = \underline{\hspace{2cm}}$
- 16:  $\frac{17}{19} - \frac{13}{16} = \underline{\hspace{2cm}}$
- 17:  $\frac{6}{18} + \frac{16}{9} = \underline{\hspace{2cm}}$
- 18:  $\frac{1}{18} \div \frac{7}{16} = \underline{\hspace{2cm}}$
- 19:  $\frac{1}{17} \div \frac{5}{13} = \underline{\hspace{2cm}}$
- 20:  $\frac{19}{20} \div \frac{11}{4} = \underline{\hspace{2cm}}$
- 21:  $\frac{1}{6} \times \frac{18}{2} = \underline{\hspace{2cm}}$
- 22:  $\frac{7}{17} + \frac{6}{20} = \underline{\hspace{2cm}}$
- 23:  $\frac{3}{12} \div \frac{11}{20} = \underline{\hspace{2cm}}$
- 24:  $\frac{18}{12} - \frac{18}{14} = \underline{\hspace{2cm}}$
- 25:  $\frac{19}{2} + \frac{4}{7} = \underline{\hspace{2cm}}$

**Question 19** [25 marks]

- 0:  $\frac{10}{18} \div \frac{11}{13} = \frac{65}{99}$
- 1:  $\frac{16}{18} - \frac{2}{20} = \underline{\hspace{2cm}}$
- 2:  $\frac{16}{9} \div \frac{3}{20} = \underline{\hspace{2cm}}$
- 3:  $\frac{1}{19} + \frac{9}{7} = \underline{\hspace{2cm}}$
- 4:  $\frac{6}{13} + \frac{2}{6} = \underline{\hspace{2cm}}$
- 5:  $\frac{18}{4} \times \frac{2}{10} = \underline{\hspace{2cm}}$
- 6:  $\frac{17}{14} \div \frac{16}{10} = \underline{\hspace{2cm}}$
- 7:  $\frac{6}{3} \div \frac{17}{8} = \underline{\hspace{2cm}}$
- 8:  $\frac{5}{13} \div \frac{14}{20} = \underline{\hspace{2cm}}$
- 9:  $\frac{12}{18} + \frac{7}{6} = \underline{\hspace{2cm}}$
- 10:  $\frac{16}{6} - \frac{14}{18} = \underline{\hspace{2cm}}$
- 11:  $\frac{5}{11} + \frac{6}{5} = \underline{\hspace{2cm}}$
- 12:  $\frac{4}{5} \div \frac{2}{13} = \underline{\hspace{2cm}}$
- 13:  $\frac{11}{6} \div \frac{20}{12} = \underline{\hspace{2cm}}$
- 14:  $\frac{20}{13} - \frac{15}{16} = \underline{\hspace{2cm}}$
- 15:  $\frac{20}{6} \times \frac{12}{13} = \underline{\hspace{2cm}}$
- 16:  $\frac{1}{4} \div \frac{7}{18} = \underline{\hspace{2cm}}$
- 17:  $\frac{17}{20} \times \frac{2}{19} = \underline{\hspace{2cm}}$
- 18:  $\frac{12}{13} + \frac{14}{16} = \underline{\hspace{2cm}}$
- 19:  $\frac{9}{13} - \frac{12}{8} = \underline{\hspace{2cm}}$
- 20:  $\frac{2}{19} \div \frac{19}{8} = \underline{\hspace{2cm}}$
- 21:  $\frac{9}{11} \div \frac{9}{4} = \underline{\hspace{2cm}}$
- 22:  $\frac{20}{14} \times \frac{14}{17} = \underline{\hspace{2cm}}$
- 23:  $\frac{3}{3} + \frac{13}{19} = \underline{\hspace{2cm}}$
- 24:  $\frac{13}{5} - \frac{10}{12} = \underline{\hspace{2cm}}$
- 25:  $\frac{11}{20} + \frac{2}{8} = \underline{\hspace{2cm}}$

**Question 20** [25 marks]

- 0:  $\frac{19}{12} + \frac{16}{7} = 3\frac{73}{84}$
- 1:  $\frac{20}{6} + \frac{3}{11} = \underline{\hspace{2cm}}$
- 2:  $\frac{4}{10} - \frac{15}{14} = \underline{\hspace{2cm}}$
- 3:  $\frac{6}{13} \times \frac{17}{8} = \underline{\hspace{2cm}}$
- 4:  $\frac{16}{5} \div \frac{14}{16} = \underline{\hspace{2cm}}$
- 5:  $\frac{13}{2} \div \frac{2}{2} = \underline{\hspace{2cm}}$
- 6:  $\frac{9}{19} + \frac{9}{8} = \underline{\hspace{2cm}}$
- 7:  $\frac{17}{10} \times \frac{16}{16} = \underline{\hspace{2cm}}$
- 8:  $\frac{17}{5} \div \frac{10}{16} = \underline{\hspace{2cm}}$
- 9:  $\frac{20}{16} \times \frac{8}{11} = \underline{\hspace{2cm}}$
- 10:  $\frac{9}{9} \times \frac{12}{11} = \underline{\hspace{2cm}}$
- 11:  $\frac{9}{12} \times \frac{1}{19} = \underline{\hspace{2cm}}$
- 12:  $\frac{5}{20} - \frac{14}{3} = \underline{\hspace{2cm}}$
- 13:  $\frac{10}{19} + \frac{10}{7} = \underline{\hspace{2cm}}$
- 14:  $\frac{13}{3} \div \frac{1}{13} = \underline{\hspace{2cm}}$
- 15:  $\frac{6}{20} \times \frac{16}{16} = \underline{\hspace{2cm}}$
- 16:  $\frac{20}{2} - \frac{18}{2} = \underline{\hspace{2cm}}$
- 17:  $\frac{16}{11} \div \frac{17}{15} = \underline{\hspace{2cm}}$
- 18:  $\frac{5}{16} \div \frac{17}{14} = \underline{\hspace{2cm}}$
- 19:  $\frac{13}{5} + \frac{19}{10} = \underline{\hspace{2cm}}$
- 20:  $\frac{6}{7} \times \frac{13}{19} = \underline{\hspace{2cm}}$
- 21:  $\frac{12}{5} \times \frac{9}{8} = \underline{\hspace{2cm}}$
- 22:  $\frac{10}{9} \div \frac{16}{15} = \underline{\hspace{2cm}}$
- 23:  $\frac{11}{9} - \frac{15}{18} = \underline{\hspace{2cm}}$
- 24:  $\frac{3}{17} - \frac{15}{10} = \underline{\hspace{2cm}}$
- 25:  $\frac{3}{8} \div \frac{19}{2} = \underline{\hspace{2cm}}$

**Question 21** [25 marks]

- 0:  $\frac{20}{12} \div \frac{5}{6} = 2$
- 1:  $\frac{19}{14} \times \frac{18}{3} = \underline{\hspace{2cm}}$
- 2:  $\frac{4}{15} \times \frac{12}{10} = \underline{\hspace{2cm}}$
- 3:  $\frac{13}{15} + \frac{18}{10} = \underline{\hspace{2cm}}$
- 4:  $\frac{20}{14} + \frac{9}{20} = \underline{\hspace{2cm}}$
- 5:  $\frac{1}{12} \times \frac{14}{14} = \underline{\hspace{2cm}}$
- 6:  $\frac{18}{7} + \frac{2}{11} = \underline{\hspace{2cm}}$
- 7:  $\frac{11}{15} - \frac{1}{16} = \underline{\hspace{2cm}}$
- 8:  $\frac{4}{3} - \frac{14}{18} = \underline{\hspace{2cm}}$
- 9:  $\frac{16}{12} + \frac{14}{3} = \underline{\hspace{2cm}}$
- 10:  $\frac{3}{7} + \frac{4}{4} = \underline{\hspace{2cm}}$
- 11:  $\frac{19}{15} - \frac{4}{5} = \underline{\hspace{2cm}}$
- 12:  $\frac{5}{7} \div \frac{6}{14} = \underline{\hspace{2cm}}$
- 13:  $\frac{12}{19} - \frac{13}{12} = \underline{\hspace{2cm}}$
- 14:  $\frac{6}{6} \times \frac{14}{17} = \underline{\hspace{2cm}}$
- 15:  $\frac{17}{17} \times \frac{13}{20} = \underline{\hspace{2cm}}$
- 16:  $\frac{13}{12} + \frac{10}{17} = \underline{\hspace{2cm}}$
- 17:  $\frac{14}{17} - \frac{6}{3} = \underline{\hspace{2cm}}$
- 18:  $\frac{6}{5} \div \frac{15}{12} = \underline{\hspace{2cm}}$
- 19:  $\frac{2}{3} - \frac{1}{8} = \underline{\hspace{2cm}}$
- 20:  $\frac{3}{3} - \frac{13}{16} = \underline{\hspace{2cm}}$
- 21:  $\frac{2}{9} \times \frac{10}{18} = \underline{\hspace{2cm}}$
- 22:  $\frac{1}{9} + \frac{4}{9} = \underline{\hspace{2cm}}$
- 23:  $\frac{6}{12} + \frac{16}{12} = \underline{\hspace{2cm}}$
- 24:  $\frac{8}{13} \div \frac{4}{9} = \underline{\hspace{2cm}}$
- 25:  $\frac{12}{8} + \frac{8}{15} = \underline{\hspace{2cm}}$

**Question 22** [25 marks]

- 0:  $\frac{12}{17} - \frac{11}{14} = \frac{-19}{238}$
- 1:  $\frac{11}{4} - \frac{19}{20} = \underline{\hspace{2cm}}$
- 2:  $\frac{19}{16} \times \frac{12}{10} = \underline{\hspace{2cm}}$
- 3:  $\frac{12}{5} \times \frac{4}{6} = \underline{\hspace{2cm}}$
- 4:  $\frac{19}{14} \div \frac{12}{5} = \underline{\hspace{2cm}}$
- 5:  $\frac{19}{15} \times \frac{4}{4} = \underline{\hspace{2cm}}$
- 6:  $\frac{19}{16} + \frac{10}{10} = \underline{\hspace{2cm}}$
- 7:  $\frac{5}{12} + \frac{3}{11} = \underline{\hspace{2cm}}$
- 8:  $\frac{9}{6} - \frac{14}{12} = \underline{\hspace{2cm}}$
- 9:  $\frac{4}{17} - \frac{11}{13} = \underline{\hspace{2cm}}$
- 10:  $\frac{19}{18} - \frac{9}{4} = \underline{\hspace{2cm}}$
- 11:  $\frac{19}{3} \div \frac{17}{13} = \underline{\hspace{2cm}}$
- 12:  $\frac{14}{14} - \frac{18}{17} = \underline{\hspace{2cm}}$
- 13:  $\frac{19}{3} \times \frac{10}{12} = \underline{\hspace{2cm}}$
- 14:  $\frac{5}{19} - \frac{9}{13} = \underline{\hspace{2cm}}$
- 15:  $\frac{13}{10} + \frac{2}{10} = \underline{\hspace{2cm}}$
- 16:  $\frac{5}{10} + \frac{16}{6} = \underline{\hspace{2cm}}$
- 17:  $\frac{10}{10} - \frac{13}{17} = \underline{\hspace{2cm}}$
- 18:  $\frac{11}{6} + \frac{14}{5} = \underline{\hspace{2cm}}$
- 19:  $\frac{12}{18} + \frac{7}{13} = \underline{\hspace{2cm}}$
- 20:  $\frac{11}{14} - \frac{14}{5} = \underline{\hspace{2cm}}$
- 21:  $\frac{18}{7} \div \frac{7}{3} = \underline{\hspace{2cm}}$
- 22:  $\frac{8}{9} - \frac{13}{18} = \underline{\hspace{2cm}}$
- 23:  $\frac{16}{19} + \frac{12}{18} = \underline{\hspace{2cm}}$
- 24:  $\frac{8}{9} \div \frac{18}{20} = \underline{\hspace{2cm}}$
- 25:  $\frac{18}{18} + \frac{10}{11} = \underline{\hspace{2cm}}$

**Question 23** [25 marks]

- 0:  $\frac{12}{20} \div \frac{20}{3} = \frac{9}{100}$
- 1:  $\frac{16}{19} \div \frac{6}{3} = \underline{\hspace{2cm}}$
- 2:  $\frac{18}{8} + \frac{11}{8} = \underline{\hspace{2cm}}$
- 3:  $\frac{11}{19} \div \frac{7}{8} = \underline{\hspace{2cm}}$
- 4:  $\frac{13}{14} \times \frac{10}{6} = \underline{\hspace{2cm}}$
- 5:  $\frac{18}{9} \times \frac{8}{7} = \underline{\hspace{2cm}}$
- 6:  $\frac{16}{15} \div \frac{6}{6} = \underline{\hspace{2cm}}$
- 7:  $\frac{20}{6} \div \frac{1}{13} = \underline{\hspace{2cm}}$
- 8:  $\frac{7}{11} \times \frac{4}{9} = \underline{\hspace{2cm}}$
- 9:  $\frac{20}{16} + \frac{4}{10} = \underline{\hspace{2cm}}$
- 10:  $\frac{16}{17} \times \frac{20}{4} = \underline{\hspace{2cm}}$
- 11:  $\frac{14}{17} + \frac{11}{12} = \underline{\hspace{2cm}}$
- 12:  $\frac{17}{4} + \frac{5}{3} = \underline{\hspace{2cm}}$
- 13:  $\frac{17}{5} \div \frac{10}{3} = \underline{\hspace{2cm}}$
- 14:  $\frac{16}{20} - \frac{17}{8} = \underline{\hspace{2cm}}$
- 15:  $\frac{12}{15} + \frac{1}{2} = \underline{\hspace{2cm}}$
- 16:  $\frac{3}{18} \times \frac{10}{17} = \underline{\hspace{2cm}}$
- 17:  $\frac{2}{18} + \frac{7}{2} = \underline{\hspace{2cm}}$
- 18:  $\frac{6}{13} \div \frac{2}{13} = \underline{\hspace{2cm}}$
- 19:  $\frac{16}{20} \times \frac{6}{16} = \underline{\hspace{2cm}}$
- 20:  $\frac{4}{19} \times \frac{9}{4} = \underline{\hspace{2cm}}$
- 21:  $\frac{1}{7} \div \frac{14}{10} = \underline{\hspace{2cm}}$
- 22:  $\frac{5}{2} - \frac{12}{14} = \underline{\hspace{2cm}}$
- 23:  $\frac{18}{11} \div \frac{1}{7} = \underline{\hspace{2cm}}$
- 24:  $\frac{8}{12} + \frac{13}{2} = \underline{\hspace{2cm}}$
- 25:  $\frac{16}{2} \times \frac{7}{10} = \underline{\hspace{2cm}}$

**Question 24** [25 marks]

- 0:  $\frac{10}{14} + \frac{8}{10} = 1\frac{18}{35}$
- 1:  $\frac{13}{8} - \frac{11}{10} = \underline{\hspace{2cm}}$
- 2:  $\frac{4}{14} \div \frac{1}{6} = \underline{\hspace{2cm}}$
- 3:  $\frac{8}{14} + \frac{14}{17} = \underline{\hspace{2cm}}$
- 4:  $\frac{12}{3} + \frac{2}{11} = \underline{\hspace{2cm}}$
- 5:  $\frac{13}{10} + \frac{18}{19} = \underline{\hspace{2cm}}$
- 6:  $\frac{13}{9} - \frac{19}{3} = \underline{\hspace{2cm}}$
- 7:  $\frac{7}{18} + \frac{5}{7} = \underline{\hspace{2cm}}$
- 8:  $\frac{10}{5} - \frac{16}{3} = \underline{\hspace{2cm}}$
- 9:  $\frac{9}{3} \times \frac{6}{19} = \underline{\hspace{2cm}}$
- 10:  $\frac{4}{5} - \frac{2}{15} = \underline{\hspace{2cm}}$
- 11:  $\frac{16}{14} \times \frac{5}{7} = \underline{\hspace{2cm}}$
- 12:  $\frac{20}{4} \div \frac{20}{16} = \underline{\hspace{2cm}}$
- 13:  $\frac{1}{7} \times \frac{12}{7} = \underline{\hspace{2cm}}$
- 14:  $\frac{20}{16} + \frac{13}{19} = \underline{\hspace{2cm}}$
- 15:  $\frac{1}{6} - \frac{3}{13} = \underline{\hspace{2cm}}$
- 16:  $\frac{19}{13} \times \frac{4}{9} = \underline{\hspace{2cm}}$
- 17:  $\frac{2}{4} + \frac{9}{5} = \underline{\hspace{2cm}}$
- 18:  $\frac{17}{10} \times \frac{6}{11} = \underline{\hspace{2cm}}$
- 19:  $\frac{15}{10} - \frac{13}{17} = \underline{\hspace{2cm}}$
- 20:  $\frac{16}{5} \div \frac{2}{19} = \underline{\hspace{2cm}}$
- 21:  $\frac{3}{6} + \frac{4}{10} = \underline{\hspace{2cm}}$
- 22:  $\frac{16}{19} - \frac{4}{19} = \underline{\hspace{2cm}}$
- 23:  $\frac{17}{18} \div \frac{2}{17} = \underline{\hspace{2cm}}$
- 24:  $\frac{19}{5} \times \frac{18}{15} = \underline{\hspace{2cm}}$
- 25:  $\frac{11}{15} \times \frac{4}{8} = \underline{\hspace{2cm}}$

**Question 25** [25 marks]

0:  $\frac{6}{12} \div \frac{13}{10} = \frac{5}{13}$

1:  $\frac{10}{11} \div \frac{10}{7} = \underline{\hspace{2cm}}$

2:  $\frac{20}{7} \times \frac{5}{6} = \underline{\hspace{2cm}}$

3:  $\frac{17}{13} - \frac{6}{16} = \underline{\hspace{2cm}}$

4:  $\frac{4}{14} \div \frac{3}{12} = \underline{\hspace{2cm}}$

5:  $\frac{20}{6} \div \frac{14}{18} = \underline{\hspace{2cm}}$

6:  $\frac{19}{17} \div \frac{1}{2} = \underline{\hspace{2cm}}$

7:  $\frac{2}{8} + \frac{13}{19} = \underline{\hspace{2cm}}$

8:  $\frac{3}{4} \div \frac{2}{3} = \underline{\hspace{2cm}}$

9:  $\frac{9}{8} \times \frac{11}{19} = \underline{\hspace{2cm}}$

10:  $\frac{12}{17} + \frac{1}{5} = \underline{\hspace{2cm}}$

11:  $\frac{18}{14} \div \frac{18}{8} = \underline{\hspace{2cm}}$

12:  $\frac{18}{12} \times \frac{20}{15} = \underline{\hspace{2cm}}$

13:  $\frac{6}{10} \div \frac{12}{6} = \underline{\hspace{2cm}}$

14:  $\frac{20}{6} - \frac{9}{19} = \underline{\hspace{2cm}}$

15:  $\frac{10}{5} - \frac{5}{13} = \underline{\hspace{2cm}}$

16:  $\frac{2}{2} \div \frac{2}{6} = \underline{\hspace{2cm}}$

17:  $\frac{14}{5} - \frac{19}{17} = \underline{\hspace{2cm}}$

18:  $\frac{15}{10} \times \frac{6}{19} = \underline{\hspace{2cm}}$

19:  $\frac{16}{16} - \frac{6}{14} = \underline{\hspace{2cm}}$

20:  $\frac{19}{12} \times \frac{12}{8} = \underline{\hspace{2cm}}$

21:  $\frac{12}{4} + \frac{19}{12} = \underline{\hspace{2cm}}$

22:  $\frac{13}{8} \times \frac{19}{9} = \underline{\hspace{2cm}}$

23:  $\frac{8}{7} + \frac{8}{11} = \underline{\hspace{2cm}}$

24:  $\frac{10}{8} + \frac{9}{15} = \underline{\hspace{2cm}}$

25:  $\frac{4}{4} \div \frac{10}{8} = \underline{\hspace{2cm}}$

**Question 26** [25 marks]

0:  $\frac{15}{11} \div \frac{5}{11} = 3$

1:  $\frac{10}{5} \div \frac{7}{4} = \underline{\hspace{2cm}}$

2:  $\frac{3}{4} - \frac{17}{13} = \underline{\hspace{2cm}}$

3:  $\frac{8}{18} + \frac{2}{6} = \underline{\hspace{2cm}}$

4:  $\frac{12}{18} \times \frac{14}{17} = \underline{\hspace{2cm}}$

5:  $\frac{14}{16} \div \frac{2}{7} = \underline{\hspace{2cm}}$

6:  $\frac{9}{12} \times \frac{8}{18} = \underline{\hspace{2cm}}$

7:  $\frac{10}{18} - \frac{14}{14} = \underline{\hspace{2cm}}$

8:  $\frac{4}{4} + \frac{1}{9} = \underline{\hspace{2cm}}$

9:  $\frac{18}{12} + \frac{10}{2} = \underline{\hspace{2cm}}$

10:  $\frac{3}{2} \times \frac{7}{2} = \underline{\hspace{2cm}}$

11:  $\frac{11}{13} \times \frac{8}{18} = \underline{\hspace{2cm}}$

12:  $\frac{14}{2} \times \frac{10}{20} = \underline{\hspace{2cm}}$

13:  $\frac{9}{7} \times \frac{10}{14} = \underline{\hspace{2cm}}$

14:  $\frac{2}{2} - \frac{20}{12} = \underline{\hspace{2cm}}$

15:  $\frac{6}{6} \times \frac{9}{7} = \underline{\hspace{2cm}}$

16:  $\frac{3}{17} \div \frac{1}{8} = \underline{\hspace{2cm}}$

17:  $\frac{10}{16} \times \frac{8}{17} = \underline{\hspace{2cm}}$

18:  $\frac{11}{7} + \frac{3}{20} = \underline{\hspace{2cm}}$

19:  $\frac{5}{15} \times \frac{14}{8} = \underline{\hspace{2cm}}$

20:  $\frac{13}{15} - \frac{19}{6} = \underline{\hspace{2cm}}$

21:  $\frac{13}{8} - \frac{2}{9} = \underline{\hspace{2cm}}$

22:  $\frac{17}{14} - \frac{19}{3} = \underline{\hspace{2cm}}$

23:  $\frac{20}{11} - \frac{17}{11} = \underline{\hspace{2cm}}$

24:  $\frac{16}{6} + \frac{5}{15} = \underline{\hspace{2cm}}$

25:  $\frac{17}{9} \times \frac{2}{17} = \underline{\hspace{2cm}}$

**Question 27** [25 marks]

- 0:  $\frac{11}{2} + \frac{5}{8} = 6\frac{1}{8}$
- 1:  $\frac{2}{6} - \frac{16}{2} = \underline{\hspace{2cm}}$
- 2:  $\frac{14}{8} + \frac{8}{4} = \underline{\hspace{2cm}}$
- 3:  $\frac{1}{11} - \frac{7}{12} = \underline{\hspace{2cm}}$
- 4:  $\frac{16}{6} \div \frac{4}{7} = \underline{\hspace{2cm}}$
- 5:  $\frac{4}{6} - \frac{4}{20} = \underline{\hspace{2cm}}$
- 6:  $\frac{11}{13} \times \frac{13}{16} = \underline{\hspace{2cm}}$
- 7:  $\frac{20}{10} \times \frac{18}{3} = \underline{\hspace{2cm}}$
- 8:  $\frac{5}{6} - \frac{19}{4} = \underline{\hspace{2cm}}$
- 9:  $\frac{20}{14} - \frac{4}{10} = \underline{\hspace{2cm}}$
- 10:  $\frac{13}{10} + \frac{11}{11} = \underline{\hspace{2cm}}$
- 11:  $\frac{2}{17} - \frac{15}{2} = \underline{\hspace{2cm}}$
- 12:  $\frac{6}{19} \div \frac{16}{14} = \underline{\hspace{2cm}}$
- 13:  $\frac{10}{9} \div \frac{4}{10} = \underline{\hspace{2cm}}$
- 14:  $\frac{17}{8} - \frac{16}{14} = \underline{\hspace{2cm}}$
- 15:  $\frac{15}{5} - \frac{10}{17} = \underline{\hspace{2cm}}$
- 16:  $\frac{13}{19} \times \frac{2}{20} = \underline{\hspace{2cm}}$
- 17:  $\frac{14}{15} + \frac{6}{12} = \underline{\hspace{2cm}}$
- 18:  $\frac{16}{3} \div \frac{3}{6} = \underline{\hspace{2cm}}$
- 19:  $\frac{3}{16} \div \frac{4}{12} = \underline{\hspace{2cm}}$
- 20:  $\frac{2}{11} - \frac{1}{2} = \underline{\hspace{2cm}}$
- 21:  $\frac{8}{16} - \frac{9}{19} = \underline{\hspace{2cm}}$
- 22:  $\frac{10}{17} \times \frac{14}{9} = \underline{\hspace{2cm}}$
- 23:  $\frac{14}{7} - \frac{20}{10} = \underline{\hspace{2cm}}$
- 24:  $\frac{3}{13} \times \frac{10}{16} = \underline{\hspace{2cm}}$
- 25:  $\frac{17}{12} - \frac{15}{4} = \underline{\hspace{2cm}}$

**Question 28** [25 marks]

- 0:  $\frac{18}{6} + \frac{12}{11} = 4\frac{1}{11}$
- 1:  $\frac{7}{14} \div \frac{13}{13} = \underline{\hspace{2cm}}$
- 2:  $\frac{9}{6} + \frac{6}{19} = \underline{\hspace{2cm}}$
- 3:  $\frac{17}{8} \div \frac{8}{13} = \underline{\hspace{2cm}}$
- 4:  $\frac{5}{12} \div \frac{5}{9} = \underline{\hspace{2cm}}$
- 5:  $\frac{9}{19} \div \frac{13}{12} = \underline{\hspace{2cm}}$
- 6:  $\frac{8}{13} \div \frac{2}{8} = \underline{\hspace{2cm}}$
- 7:  $\frac{15}{8} \div \frac{2}{3} = \underline{\hspace{2cm}}$
- 8:  $\frac{15}{5} + \frac{1}{18} = \underline{\hspace{2cm}}$
- 9:  $\frac{19}{20} \times \frac{14}{15} = \underline{\hspace{2cm}}$
- 10:  $\frac{16}{3} + \frac{12}{11} = \underline{\hspace{2cm}}$
- 11:  $\frac{1}{4} + \frac{1}{15} = \underline{\hspace{2cm}}$
- 12:  $\frac{18}{4} - \frac{11}{7} = \underline{\hspace{2cm}}$
- 13:  $\frac{12}{13} - \frac{1}{13} = \underline{\hspace{2cm}}$
- 14:  $\frac{2}{7} \times \frac{11}{16} = \underline{\hspace{2cm}}$
- 15:  $\frac{15}{20} - \frac{19}{7} = \underline{\hspace{2cm}}$
- 16:  $\frac{3}{4} \div \frac{12}{10} = \underline{\hspace{2cm}}$
- 17:  $\frac{15}{10} + \frac{19}{9} = \underline{\hspace{2cm}}$
- 18:  $\frac{18}{5} \times \frac{5}{18} = \underline{\hspace{2cm}}$
- 19:  $\frac{7}{8} \div \frac{5}{13} = \underline{\hspace{2cm}}$
- 20:  $\frac{1}{5} - \frac{19}{16} = \underline{\hspace{2cm}}$
- 21:  $\frac{20}{6} \times \frac{15}{6} = \underline{\hspace{2cm}}$
- 22:  $\frac{2}{13} \div \frac{9}{3} = \underline{\hspace{2cm}}$
- 23:  $\frac{5}{18} - \frac{3}{3} = \underline{\hspace{2cm}}$
- 24:  $\frac{4}{7} \times \frac{19}{10} = \underline{\hspace{2cm}}$
- 25:  $\frac{20}{7} - \frac{8}{7} = \underline{\hspace{2cm}}$

**Question 29** [25 marks]

- 0:  $\frac{18}{8} - \frac{20}{3} = -4\frac{5}{12}$
- 1:  $\frac{13}{18} + \frac{17}{11} = \underline{\hspace{2cm}}$
- 2:  $\frac{17}{20} \times \frac{7}{17} = \underline{\hspace{2cm}}$
- 3:  $\frac{14}{15} - \frac{20}{7} = \underline{\hspace{2cm}}$
- 4:  $\frac{2}{2} \div \frac{11}{18} = \underline{\hspace{2cm}}$
- 5:  $\frac{20}{16} - \frac{3}{19} = \underline{\hspace{2cm}}$
- 6:  $\frac{4}{3} \div \frac{9}{11} = \underline{\hspace{2cm}}$
- 7:  $\frac{6}{18} - \frac{19}{13} = \underline{\hspace{2cm}}$
- 8:  $\frac{13}{3} + \frac{5}{5} = \underline{\hspace{2cm}}$
- 9:  $\frac{20}{12} - \frac{7}{5} = \underline{\hspace{2cm}}$
- 10:  $\frac{3}{18} \times \frac{15}{20} = \underline{\hspace{2cm}}$
- 11:  $\frac{20}{20} - \frac{2}{6} = \underline{\hspace{2cm}}$
- 12:  $\frac{14}{5} \times \frac{3}{8} = \underline{\hspace{2cm}}$
- 13:  $\frac{11}{12} \div \frac{17}{5} = \underline{\hspace{2cm}}$
- 14:  $\frac{13}{9} - \frac{4}{20} = \underline{\hspace{2cm}}$
- 15:  $\frac{3}{14} + \frac{18}{3} = \underline{\hspace{2cm}}$
- 16:  $\frac{16}{19} - \frac{15}{11} = \underline{\hspace{2cm}}$
- 17:  $\frac{19}{6} + \frac{3}{17} = \underline{\hspace{2cm}}$
- 18:  $\frac{16}{19} + \frac{12}{17} = \underline{\hspace{2cm}}$
- 19:  $\frac{19}{10} \times \frac{6}{13} = \underline{\hspace{2cm}}$
- 20:  $\frac{15}{17} \div \frac{15}{2} = \underline{\hspace{2cm}}$
- 21:  $\frac{2}{12} \div \frac{18}{3} = \underline{\hspace{2cm}}$
- 22:  $\frac{20}{16} + \frac{3}{15} = \underline{\hspace{2cm}}$
- 23:  $\frac{17}{6} + \frac{7}{5} = \underline{\hspace{2cm}}$
- 24:  $\frac{19}{14} \div \frac{2}{3} = \underline{\hspace{2cm}}$
- 25:  $\frac{10}{10} - \frac{14}{17} = \underline{\hspace{2cm}}$

**Question 30** [25 marks]

- 0:  $\frac{13}{17} \div \frac{4}{8} = 1\frac{9}{17}$
- 1:  $\frac{12}{17} - \frac{9}{17} = \underline{\hspace{2cm}}$
- 2:  $\frac{11}{13} + \frac{18}{6} = \underline{\hspace{2cm}}$
- 3:  $\frac{12}{10} + \frac{2}{11} = \underline{\hspace{2cm}}$
- 4:  $\frac{7}{12} + \frac{15}{12} = \underline{\hspace{2cm}}$
- 5:  $\frac{12}{12} \div \frac{14}{3} = \underline{\hspace{2cm}}$
- 6:  $\frac{20}{13} + \frac{18}{13} = \underline{\hspace{2cm}}$
- 7:  $\frac{14}{6} \div \frac{2}{4} = \underline{\hspace{2cm}}$
- 8:  $\frac{18}{4} + \frac{3}{19} = \underline{\hspace{2cm}}$
- 9:  $\frac{2}{12} - \frac{8}{12} = \underline{\hspace{2cm}}$
- 10:  $\frac{9}{12} \div \frac{5}{5} = \underline{\hspace{2cm}}$
- 11:  $\frac{6}{16} + \frac{13}{12} = \underline{\hspace{2cm}}$
- 12:  $\frac{11}{9} + \frac{17}{8} = \underline{\hspace{2cm}}$
- 13:  $\frac{9}{13} - \frac{14}{10} = \underline{\hspace{2cm}}$
- 14:  $\frac{19}{10} \times \frac{15}{20} = \underline{\hspace{2cm}}$
- 15:  $\frac{7}{14} \times \frac{17}{9} = \underline{\hspace{2cm}}$
- 16:  $\frac{3}{2} \div \frac{1}{4} = \underline{\hspace{2cm}}$
- 17:  $\frac{20}{17} \div \frac{20}{17} = \underline{\hspace{2cm}}$
- 18:  $\frac{9}{10} \times \frac{10}{18} = \underline{\hspace{2cm}}$
- 19:  $\frac{19}{2} \times \frac{4}{8} = \underline{\hspace{2cm}}$
- 20:  $\frac{15}{7} - \frac{6}{13} = \underline{\hspace{2cm}}$
- 21:  $\frac{3}{19} + \frac{11}{5} = \underline{\hspace{2cm}}$
- 22:  $\frac{13}{10} + \frac{18}{9} = \underline{\hspace{2cm}}$
- 23:  $\frac{14}{2} - \frac{9}{16} = \underline{\hspace{2cm}}$
- 24:  $\frac{19}{14} + \frac{6}{18} = \underline{\hspace{2cm}}$
- 25:  $\frac{1}{16} \div \frac{3}{6} = \underline{\hspace{2cm}}$

**Question 31** [25 marks]

- 0:  $\frac{18}{9} \div \frac{2}{8} = 8$
- 1:  $\frac{10}{6} + \frac{6}{10} = \underline{\hspace{2cm}}$
- 2:  $\frac{7}{4} - \frac{13}{6} = \underline{\hspace{2cm}}$
- 3:  $\frac{10}{14} - \frac{15}{20} = \underline{\hspace{2cm}}$
- 4:  $\frac{17}{4} \div \frac{1}{15} = \underline{\hspace{2cm}}$
- 5:  $\frac{7}{17} + \frac{18}{19} = \underline{\hspace{2cm}}$
- 6:  $\frac{10}{14} - \frac{1}{8} = \underline{\hspace{2cm}}$
- 7:  $\frac{19}{5} \div \frac{13}{13} = \underline{\hspace{2cm}}$
- 8:  $\frac{15}{12} + \frac{1}{14} = \underline{\hspace{2cm}}$
- 9:  $\frac{5}{16} \div \frac{18}{18} = \underline{\hspace{2cm}}$
- 10:  $\frac{11}{4} \div \frac{15}{18} = \underline{\hspace{2cm}}$
- 11:  $\frac{19}{13} - \frac{2}{13} = \underline{\hspace{2cm}}$
- 12:  $\frac{6}{2} - \frac{15}{19} = \underline{\hspace{2cm}}$
- 13:  $\frac{11}{14} + \frac{14}{13} = \underline{\hspace{2cm}}$
- 14:  $\frac{16}{15} \div \frac{14}{14} = \underline{\hspace{2cm}}$
- 15:  $\frac{13}{17} \div \frac{15}{10} = \underline{\hspace{2cm}}$
- 16:  $\frac{12}{9} - \frac{3}{17} = \underline{\hspace{2cm}}$
- 17:  $\frac{8}{2} - \frac{10}{4} = \underline{\hspace{2cm}}$
- 18:  $\frac{16}{19} - \frac{16}{12} = \underline{\hspace{2cm}}$
- 19:  $\frac{18}{9} \div \frac{12}{14} = \underline{\hspace{2cm}}$
- 20:  $\frac{10}{11} \times \frac{12}{12} = \underline{\hspace{2cm}}$
- 21:  $\frac{15}{9} + \frac{17}{15} = \underline{\hspace{2cm}}$
- 22:  $\frac{15}{8} + \frac{10}{9} = \underline{\hspace{2cm}}$
- 23:  $\frac{8}{12} - \frac{16}{13} = \underline{\hspace{2cm}}$
- 24:  $\frac{20}{20} \times \frac{14}{4} = \underline{\hspace{2cm}}$
- 25:  $\frac{14}{5} - \frac{10}{17} = \underline{\hspace{2cm}}$

**Question 32** [25 marks]

- 0:  $\frac{20}{9} - \frac{17}{4} = -2\frac{1}{36}$
- 1:  $\frac{6}{12} \times \frac{2}{18} = \underline{\hspace{2cm}}$
- 2:  $\frac{5}{3} + \frac{10}{2} = \underline{\hspace{2cm}}$
- 3:  $\frac{18}{20} \div \frac{6}{3} = \underline{\hspace{2cm}}$
- 4:  $\frac{17}{2} + \frac{1}{19} = \underline{\hspace{2cm}}$
- 5:  $\frac{4}{9} - \frac{12}{18} = \underline{\hspace{2cm}}$
- 6:  $\frac{7}{2} + \frac{18}{13} = \underline{\hspace{2cm}}$
- 7:  $\frac{5}{18} \times \frac{18}{9} = \underline{\hspace{2cm}}$
- 8:  $\frac{2}{13} + \frac{11}{7} = \underline{\hspace{2cm}}$
- 9:  $\frac{12}{17} \div \frac{4}{10} = \underline{\hspace{2cm}}$
- 10:  $\frac{19}{2} - \frac{17}{7} = \underline{\hspace{2cm}}$
- 11:  $\frac{3}{6} - \frac{7}{11} = \underline{\hspace{2cm}}$
- 12:  $\frac{9}{2} - \frac{11}{17} = \underline{\hspace{2cm}}$
- 13:  $\frac{17}{12} \div \frac{17}{16} = \underline{\hspace{2cm}}$
- 14:  $\frac{15}{3} \div \frac{20}{14} = \underline{\hspace{2cm}}$
- 15:  $\frac{11}{17} \times \frac{7}{19} = \underline{\hspace{2cm}}$
- 16:  $\frac{9}{19} + \frac{12}{9} = \underline{\hspace{2cm}}$
- 17:  $\frac{2}{9} \times \frac{15}{3} = \underline{\hspace{2cm}}$
- 18:  $\frac{13}{14} + \frac{13}{8} = \underline{\hspace{2cm}}$
- 19:  $\frac{2}{20} \times \frac{7}{3} = \underline{\hspace{2cm}}$
- 20:  $\frac{17}{12} \div \frac{16}{11} = \underline{\hspace{2cm}}$
- 21:  $\frac{17}{9} + \frac{11}{17} = \underline{\hspace{2cm}}$
- 22:  $\frac{16}{19} \div \frac{5}{15} = \underline{\hspace{2cm}}$
- 23:  $\frac{8}{19} - \frac{9}{15} = \underline{\hspace{2cm}}$
- 24:  $\frac{11}{20} - \frac{13}{17} = \underline{\hspace{2cm}}$
- 25:  $\frac{20}{19} \div \frac{7}{17} = \underline{\hspace{2cm}}$