

MATH 0304 – PRE-ALGEBRA

Perform the following operations. Simplify your answers.

1. $\frac{3}{4} + \frac{5}{4}$

2. $\frac{9}{16} + \frac{7}{16}$

3. $\frac{14}{15} - \frac{8}{15}$

4. $\frac{3}{4} - \frac{5}{16}$

5. $\frac{1}{8} + \frac{9}{40} + \frac{5}{12}$

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

7. $21\frac{3}{4} + 35\frac{5}{6}$

8. $\frac{7}{8} - \frac{1}{12}$

9. $3\frac{1}{4} + 1\frac{1}{2} - 5\frac{1}{6}$

10. $9\frac{1}{6} - 3\frac{2}{3}$

11. $52\frac{7}{10} - 41\frac{13}{15}$

12. $106 - 78\frac{4}{11}$

13. $\frac{4}{15} + \frac{4}{25} + \frac{2}{3}$


14. $7\frac{1}{12} - 2\frac{1}{3}$

15. $\frac{3}{20} - \frac{2}{35}$

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Solutions:

1. 2	2. 1	3. $\frac{6}{15}$
4. $\frac{7}{16}$	5. $\frac{23}{30}$	6. $8\frac{17}{20}$
7. $57\frac{7}{12}$	8. $\frac{19}{24}$	9. $-1\frac{7}{12}$
10. $5\frac{1}{2}$	11. $10\frac{5}{6}$	12. $27\frac{7}{11}$
13. $1\frac{7}{75}$	14. $4\frac{3}{4}$	15. $\frac{13}{140}$

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