

Add Mixed Numbers with Unlike Denominators

Find the sum and simplify your answer.

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

$3\frac{27}{28}$

$7\frac{27}{28}$

$3\frac{7}{11}$

$4\frac{7}{11}$

2. $9\frac{1}{8} + 1\frac{1}{2}$

$10\frac{1}{10}$

$9\frac{1}{16}$

$9\frac{3}{16}$

$10\frac{5}{8}$

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

$9\frac{1}{6}$

$19\frac{5}{6}$

$9\frac{5}{18}$

$19\frac{5}{18}$

4. $2\frac{1}{8} + 7\frac{3}{4}$

$3\frac{7}{12}$

$5\frac{7}{8}$

$9\frac{7}{8}$

$4\frac{7}{12}$

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

$5\frac{2}{3}$

$5\frac{2}{9}$

$6\frac{1}{3}$

$3\frac{2}{9}$

6. $10\frac{2}{8} + 7\frac{1}{2}$

$17\frac{2}{10}$

$7\frac{2}{3}$

$17\frac{3}{4}$

$19\frac{5}{7}$

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

$3\frac{7}{12}$

$4\frac{7}{11}$

$3\frac{7}{11}$

$4\frac{7}{12}$

8. $6\frac{1}{6} + 3\frac{1}{3}$

$\frac{11}{15}$

$2\frac{3}{33}$

$9\frac{1}{2}$

$\frac{11}{2}$

9. $3\frac{2}{8} + 5\frac{1}{4}$

$12\frac{4}{8}$

$8\frac{1}{2}$

$8\frac{6}{8}$

$8\frac{1}{4}$

10. $6\frac{1}{2} + 5\frac{1}{6}$

$11\frac{2}{3}$

$33\frac{2}{3}$

$2\frac{5}{8}$

$3\frac{2}{11}$

11. $3\frac{2}{11} + 2\frac{1}{5}$

$5\frac{11}{55}$

$5\frac{21}{11}$

$5\frac{21}{55}$

$3\frac{11}{55}$

12. $4\frac{1}{3} + 2\frac{7}{12}$

$6\frac{11}{12}$

$2\frac{1}{15}$

$6\frac{1}{15}$

$4\frac{5}{12}$

13. $2\frac{1}{12} + 5\frac{1}{2}$

$5\frac{7}{12}$

$7\frac{5}{12}$

$7\frac{7}{12}$

$4\frac{21}{12}$

14. $10\frac{1}{17} + 5\frac{1}{5}$

$15\frac{22}{85}$

$5\frac{7}{55}$

$7\frac{7}{85}$

$5\frac{20}{85}$

15. $9\frac{1}{9} + 9\frac{1}{3}$

$1\frac{1}{12}$

$9\frac{1}{12}$

$18\frac{1}{9}$

$18\frac{4}{9}$