Maths with Melissa

Adding Mixed Fractions with Different Denominators

1. Add the following mixed numbers and give your answer in simplest form:

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

2. Solve and simplify:

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

3. Calculate the sum:

$$4\frac{3}{8}+2\frac{5}{12}$$

4. Add and simplify your answer:

$$5\frac{1}{2}+3\frac{2}{9}$$

5. Find the sum of these mixed numbers:

$$1\frac{7}{10}+4\frac{2}{3}$$

6. Add and express your answer as a mixed number in its lowest terms:

$$6\frac{5}{6}+2\frac{3}{7}$$

7. Work out the sum and simplify:

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

8. Calculate:

$$7\frac{3}{5}+1\frac{7}{8}$$

9. Find:

$$3\frac{2}{7}+2\frac{5}{12}$$

10. Add and simplify your answer:

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

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Answer Key

1. $2\frac{1}{3} + 1\frac{3}{4} = 4\frac{1}{12}$
2. $3\frac{2}{5} + 2\frac{1}{6} = 5\frac{17}{30}$
3. $4\frac{3}{8} + 2\frac{5}{12} =$: 6 19/24
4. $5\frac{1}{2} + 3\frac{2}{9} =$ 8 13/18
5. $1\frac{7}{10} + 4\frac{2}{3} =$ 6 11/30
6. $6\frac{5}{6} + 2\frac{3}{7} =$ 9 11/42
7. $2\frac{4}{9} + 5\frac{1}{3} = 7\frac{7}{9}$
8. $7\frac{3}{5} + 1\frac{7}{8} = 9\frac{19}{40}$
9. $3\frac{2}{7} + 2\frac{5}{12} =$ 5 59/84
10. $4\frac{1}{4} + 3\frac{2}{5} = 7\frac{13}{20}$