Maths with Melissa

Adding Mixed Fractions with the Same Denominator

1. Add the following mixed numbers and simplify your answer:

$$2\frac{3}{8}+1\frac{5}{8}$$

2. Calculate the sum and express it as a mixed number in its simplest form:

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

3. Find the total and write your answer as a mixed fraction:

$$5\frac{7}{12}+2\frac{4}{12}$$

4. Add the following and simplify:

$$6\frac{2}{9}+3\frac{5}{9}$$

5. Solve and give your answer in mixed number form:

$$7\frac{6}{11}+2\frac{5}{11}$$

6. Work out the sum and write it as a mixed number:

$$3\frac{9}{10}+4\frac{3}{10}$$

7. Add the mixed fractions below and simplify your answer:

$$8\frac{1}{6}+1\frac{4}{6}$$

8. Find the sum and express in its simplest mixed form:

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

9. Calculate the sum and write as a mixed number:

$$9\frac{4}{15}+2\frac{8}{15}$$

10. Add the following mixed numbers and simplify:

$$6\frac{7}{13}+3\frac{5}{13}$$

Answer Key

1. $2\frac{3}{8} + 1\frac{5}{8} = 4\frac{0}{8} = 4$
2. $4\frac{2}{5} + 3\frac{1}{5} = 7\frac{3}{5}$
3. $5\frac{7}{12} + 2\frac{4}{12} = 7\frac{11}{12}$
4. $6\frac{2}{9} + 3\frac{5}{9} = 9\frac{7}{9}$
5. $7\frac{6}{11} + 2\frac{5}{11} = 9\frac{11}{11} = 10$
6. $3\frac{9}{10} + 4\frac{3}{10} = 7\frac{12}{10} = 8\frac{2}{10} = 8\frac{1}{5}$
7. $8\frac{1}{6} + 1\frac{4}{6} = 9\frac{5}{6}$
8. $2\frac{5}{7} + 5\frac{3}{7} = 7\frac{8}{7} = 8\frac{1}{7}$
9. $9\frac{4}{15} + 2\frac{8}{15} = 11\frac{12}{15} = 11\frac{4}{5}$
10. $6\frac{7}{13} + 3\frac{5}{13} = 9\frac{12}{13}$