math Antics Worksheets

Name: _____

Date: _____

Adding Mixed Numbers to Whole Numbers or Fractions

F-AMN 1

Instructions: Add these mixed numbers, whole numbers and fractions.

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

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

$= 8\frac{2}{9}$

2 $\frac{1}{7} + 6\frac{5}{7}$

$= 6 + \frac{1}{7} + \frac{5}{7}$

$= 6\frac{6}{7}$

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

4 $4 + 6\frac{1}{9}$

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

6 $2\frac{4}{10} + \frac{3}{10}$

7 $20 + 3\frac{5}{6}$

8 $7\frac{5}{12} + 7$

9 $\frac{1}{7} + 4 + 1\frac{2}{7}$

10 $7 + 3\frac{1}{5} + 10$

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Adding Mixed Numbers (with like fractions)

F-AMN 2

Instructions: Add these mixed numbers. Regroup and/or simlify your answers if possible.

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

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

$= 5\frac{4}{5}$

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

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

$= 7\frac{4}{4} = 8$

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

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

5 $10\frac{1}{8} + 1\frac{3}{8}$

6 $1\frac{6}{10} + 3\frac{4}{10}$

7 $7\frac{3}{12} + 8\frac{5}{12}$

8 $4\frac{1}{9} + 8\frac{5}{9}$

9 $1\frac{1}{8} + 2\frac{2}{8} + 3\frac{3}{8}$

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

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Adding Mixed Numbers (with answers that need regrouping)

F-AMN 3

Instructions: Add these mixed numbers. Regroup and/or simlify your answers if possible.

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

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

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

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

2 $5\frac{4}{7} + 3\frac{4}{7}$

3 $3\frac{3}{8} + 2\frac{6}{8}$

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

5 $5\frac{9}{10} + 5\frac{4}{10}$

6 $7\frac{2}{3} + 1\frac{4}{3}$

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

8 $2\frac{5}{6} + 1\frac{2}{6}$

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Adding Mixed Numbers (with un-like fractions)

F-AMN 4

Instructions: Add these mixed numbers. Regroup and/or simlify your answers if possible.

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

$= 3 + 6 + \left(\frac{4}{4}\right)\frac{2}{3} + \frac{1}{4}\left(\frac{3}{3}\right)$

$= 9 + \frac{8}{12} + \frac{3}{12} = 9\frac{11}{12}$

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

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

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

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

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

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

8 $6\frac{7}{9} + 10\frac{2}{3}$

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Adding Mixed Numbers (stacked format)

F-AMN 5

Instructions: Add these mixed numbers. In some problems, you may need to convert to like-fractions. Regroup and/or simlify your answers if possible.

1. $7\frac{1}{5} + 2\frac{3}{5}$

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

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

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

5. $12\frac{3}{8} + 3\frac{3}{8}$

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

7. $9\frac{1}{10} + 4\frac{7}{10}$

8. $10\frac{1}{3} + 1\frac{2}{3}$

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