

Adding Mixed Numbers: Regrouping

Name: _____

Add the whole numbers, then add the fractions. When the fraction part is 1 whole or more, regroup it into the whole number. Write the answer in the box. Simplify if you can.

Example $2\frac{3}{5} + 1\frac{4}{5} = 3\frac{7}{5} = 4\frac{2}{5}$ $\frac{7}{5}$ is 1 whole and $\frac{2}{5}$, so the 3 wholes become 4.

1.

$$4\frac{2}{3} + 2\frac{2}{3} = \boxed{}$$

2.

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

3.

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

4.

$$4\frac{5}{6} + 2\frac{5}{6} = \boxed{}$$

5.

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

6.

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

7.

$$5\frac{7}{10} + 2\frac{9}{10} = \boxed{}$$

8.

$$3\frac{4}{7} + 1\frac{5}{7} = \boxed{}$$

9.

$$2\frac{1}{2} + 4\frac{1}{2} = \boxed{}$$

10.

$$1\frac{11}{12} + 6\frac{5}{12} = \boxed{}$$

Adding Mixed Numbers: Regrouping (Answer Key)

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Example $2\frac{3}{5} + 1\frac{4}{5} = 3\frac{7}{5} = 4\frac{2}{5}$ $\frac{7}{5}$ is 1 whole and $\frac{2}{5}$, so the 3 wholes become 4.

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

$$= 6\frac{4}{3} = 7\frac{1}{3}$$

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

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

3. $2\frac{4}{9} + 1\frac{7}{9} = \boxed{4\frac{2}{9}}$

$$= 3\frac{11}{9} = 4\frac{2}{9}$$

4. $4\frac{5}{6} + 2\frac{5}{6} = \boxed{7\frac{2}{3}}$

$$= 6\frac{10}{6} = 7\frac{4}{6} = 7\frac{2}{3}$$

5. $1\frac{5}{8} + 3\frac{7}{8} = \boxed{5\frac{1}{2}}$

$$= 4\frac{12}{8} = 5\frac{4}{8} = 5\frac{1}{2}$$

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

$$= 5\frac{4}{4} = 6$$

7. $5\frac{7}{10} + 2\frac{9}{10} = \boxed{8\frac{3}{5}}$

$$= 7\frac{16}{10} = 8\frac{6}{10} = 8\frac{3}{5}$$

8. $3\frac{4}{7} + 1\frac{5}{7} = \boxed{5\frac{2}{7}}$

$$= 4\frac{9}{7} = 5\frac{2}{7}$$

9. $2\frac{1}{2} + 4\frac{1}{2} = \boxed{7}$

$$= 6\frac{2}{2} = 7$$

10. $1\frac{11}{12} + 6\frac{5}{12} = \boxed{8\frac{1}{3}}$

$$= 7\frac{16}{12} = 8\frac{4}{12} = 8\frac{1}{3}$$