Adding Mixed Numbers

In **1** through **6**, find each sum. Simplify, if possible. Estimate for reasonableness.

1. $7\frac{2}{3} + 8\frac{5}{6}$ _____

2. $4\frac{3}{4} + 2\frac{2}{5}$ _____

3. $11\frac{9}{10} + 3\frac{1}{20}$ _____

4. $7\frac{6}{7} + 5\frac{2}{7}$ _____

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

6. $21\frac{11}{12} + 17\frac{2}{3}$ _____

7. Write two mixed numbers that have a sum of 3.

_____

8. What is the total measure of an average man's brain and heart in kilograms (kg)?

_____

Vital Organ Measures

Average woman's brain	$1\frac{3}{10}$ kg	$2\frac{4}{5}$ lb
Average man's brain	$1\frac{2}{5}$ kg	3 lb
Average human heart	$\frac{3}{10}$ kg	$\frac{7}{10}$ lb

9. What is the total weight of an average woman's brain and heart in pounds (lb)?

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10. What is the sum of the measures of an average man's brain and an average woman's brain in kilograms?

_____

11. Which is a good comparison of the estimated sum and the actual sum of $7\frac{7}{8} + 2\frac{11}{12}$?

  A Estimated $<$ actual   **C** Actual $>$ estimated

  B Actual $=$ estimated   **D** Estimated $>$ actual

12. Can the sum of two mixed numbers be equal to 2? Explain why or why not.

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