Adding Mixed Numbers

Name

Randy talks on the telephone for $2\frac{5}{6}$ hours, and then surfs the Internet for $3\frac{3}{4}$ hours. How many hours does he spend on the two activities?



4.
$$10\frac{1}{3} + \frac{7}{9} =$$
 5. $3\frac{1}{4} + 6\frac{2}{3} =$ **6.** $1\frac{5}{7} + 3\frac{1}{2} =$

 Tirzah wants to put a fence around her garden. She has 22 yards of fence material. Does she have enough to go all the way around the garden?



10-4

10-4

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



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

8. Wha	What is the total measure of an average man's brain and heart	Vital Organ Measures		
mea man		Average woman's brain	1 <u>3</u> kg	$2\frac{4}{5}$ lb
in kilograms (kg)?	ograms (kg)?	Average man's brain	1 <u>2</u> 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)?
- **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.

