CHAPTER 6

Practice Test

Name: _____

Vocabulary and Concepts

1. **Explain** how to find the sum of two fractions with unlike denominators.
2. **OPEN ENDED** Write a subtraction problem with mixed numbers where you need to rename.
3. **State** the process used to subtract mixed numbers.

*Use separate paper! *

Skills and Applications

Round each number to the nearest half.

4. $4\frac{7}{8}$
5. $1\frac{10}{18}$
6. $8\frac{1}{5}$
7. $11\frac{1}{17}$

Estimate.

Add or subtract. Write in simplest form.

12. $\frac{2}{9} + \frac{5}{9}$
13. $\frac{9}{10} - \frac{4}{10}$
14. $\frac{5}{6} - \frac{2}{6}$
15. $\frac{2}{9} + \frac{5}{6}$
16. $\frac{11}{12} - \frac{3}{8}$
17. $\frac{2}{5} + \frac{2}{4}$
18. $2\frac{1}{5} + 4\frac{2}{5}$
19. $6\frac{5}{8} - 4\frac{1}{2}$
20. $5\frac{7}{9} + 1\frac{3}{4}$

21. **CARPENTRY** In industrial technology class, Aiko made a plaque by gluing a piece of $\frac{3}{8}$-inch oak to a piece of $\frac{5}{8}$-inch poplar. What was the total thickness of the plaque?

Subtract. Write in simplest form.

22. $4\frac{1}{4} - 2\frac{5}{8}$
23. $7\frac{2}{3} - 3\frac{3}{4}$
24. $11\frac{1}{2} - 7\frac{3}{5}$

Standardized Test Practice

25. **MULTIPLE CHOICE** Sarah has $4\frac{1}{4}$ cups of flour. She is making cookies using a recipe that calls for $2\frac{5}{8}$ cups of flour. How much flour will she have left?

(A) $6\frac{7}{8}$ c (B) $2\frac{1}{2}$ c (C) $2\frac{3}{8}$ c (D) $1\frac{5}{8}$ c