

Practice 4-3

Fractions With Unlike Denominators

Write each sum or difference in simplest form.

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

17. Jeanie has a $\frac{3}{4}$ -yard piece of ribbon. She needs one $\frac{3}{8}$ -yard piece and one $\frac{1}{2}$ -yard piece. Can she cut the piece of ribbon into the two smaller pieces? Explain.

Simplify by using mental math.

18. $\frac{7}{10} + \frac{2}{5} - \frac{1}{10}$ _____ 19. $\frac{5}{100} + \frac{20}{100} + \frac{30}{100}$ _____ 20. $\frac{2}{8} - \frac{2}{4} + \frac{5}{8}$ _____
21. $\frac{10}{12} - \left(\frac{1}{12} + \frac{4}{6}\right)$ _____ 22. $\frac{6}{10} - \frac{2}{10} + \frac{1}{2}$ _____ 23. $\frac{8}{16} - \frac{1}{4} + \frac{8}{16}$ _____
24. For the class photo, $\frac{1}{5}$ of the students wore jeans, $\frac{2}{10}$ of the students wore shorts, and $\frac{4}{10}$ of the students wore a skirt. What portion of the students wore something else? _____