

Practice 5-3**Adding and Subtracting Fractions****Find each sum or difference.**

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

2. $\frac{5}{8} - \frac{1}{4}$ _____

3. $2 - \frac{5}{7}$ _____

4. $1\frac{1}{2} - 2\frac{4}{5}$ _____

5. $\frac{1}{4} - \frac{1}{3}$ _____

6. $5\frac{7}{8} + 3\frac{5}{12}$ _____

7. $\frac{x}{3} + \frac{x}{5}$ _____

8. $\frac{2n}{5} + \left(-\frac{n}{6}\right)$ _____

9. $\frac{7}{12} - \frac{3}{12}$ _____

10. $3\frac{1}{5} + 2\frac{2}{5}$ _____

11. $1\frac{5}{8} - 1\frac{1}{8}$ _____

12. $\frac{3}{5y} + \frac{1}{5y}$ _____

13. $\frac{9}{16} + \frac{3}{4}$ _____

14. $2\frac{7}{10} - 3\frac{7}{20}$ _____

15. $3\frac{5}{6} + 2\frac{3}{4}$ _____

16. $-1\frac{2}{3} + \left(-2\frac{1}{4}\right)$ _____

Find each sum using mental math.

17. $3\frac{3}{8} + 2\frac{1}{8} + 1\frac{3}{8}$ _____

18. $6\frac{7}{12} + 4\frac{5}{12}$ _____

19. $8\frac{3}{16} + 2\frac{5}{16} + 4\frac{7}{16}$ _____

20. $7\frac{9}{10} + 3\frac{3}{10}$ _____

Estimate each sum or difference.

21. $13\frac{4}{5} - 2\frac{9}{10}$ _____

22. $18\frac{3}{8} + 11\frac{6}{7}$ _____

23. $23\frac{6}{13} + 32\frac{7}{8}$ _____

24. $26\frac{9}{10} + 72\frac{5}{6}$ _____

Use prime factors to simplify each expression.

25. $\frac{7}{30} - \frac{29}{75}$ _____

26. $\frac{3}{14} + \frac{17}{63}$ _____

27. $\frac{5}{42} + \frac{5}{12}$ _____

28. $2\frac{5}{6} - 2\frac{5}{22}$ _____

29. $4\frac{4}{15} + 2\frac{4}{39}$ _____

30. $3\frac{5}{9} - 2\frac{11}{12}$ _____