

## Adding Signed Mixed Numbers

**Evaluate each expression.**

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

2)  $4\frac{5}{7} - \frac{1}{4}$

3)  $\left(-1\frac{7}{8}\right) + 1\frac{3}{7}$

4)  $4 - 4\frac{1}{2}$

5)  $\left(-2\frac{2}{3}\right) - \frac{1}{2}$

6)  $\left(-2\frac{1}{6}\right) - 2\frac{2}{7}$

7)  $2\frac{3}{8} - \left(-1\frac{3}{4}\right)$

8)  $\left(-1\frac{5}{6}\right) + \left(-2\frac{1}{3}\right)$

9)  $\left(-2\frac{3}{4}\right) + \frac{1}{6} + 1\frac{1}{7}$

10)  $2\frac{1}{3} + 1\frac{5}{7} - \left(-2\frac{5}{7}\right)$

11)  $3\frac{5}{7} + \left(-2\frac{1}{8}\right) - \left(-2\frac{2}{3}\right)$

12)  $\frac{1}{3} + \left(-3\frac{1}{3}\right) + \left(-4\frac{5}{6}\right)$

13)  $\left(-3\frac{6}{7}\right) + 2\frac{1}{2} - 8$

14)  $1\frac{3}{4} - 2\frac{1}{2} - \left(-3\frac{3}{4}\right)$

15)  $\left(-2\frac{5}{6}\right) - 1\frac{3}{5} + \left(-1\frac{1}{2}\right)$

16)  $1\frac{1}{8} + \left(-1\frac{2}{5}\right) - \left(-1\frac{2}{3}\right)$

17)  $6\frac{2}{3} - \frac{3}{8} - 3\frac{1}{3} - \left(-1\frac{3}{4}\right)$

18)  $1\frac{1}{2} - 1\frac{3}{4} - \left(-1\frac{3}{5}\right) + 3\frac{1}{3}$

19)  $4\frac{4}{7} + 3\frac{2}{3} + \frac{5}{8} - \left(-1\frac{4}{5}\right)$

20)  $4\frac{3}{5} + 4\frac{1}{4} - \left(-2\frac{1}{7}\right) + \left(-1\frac{2}{3}\right)$

21)  $\left(-3\frac{4}{5}\right) - \left(-1\frac{2}{5}\right) - 2\frac{4}{5} + \left(-1\frac{2}{3}\right)$

22)  $(-7) - \left(-1\frac{5}{6}\right) + \left(-1\frac{2}{7}\right) + \left(-1\frac{1}{3}\right)$

23)  $\left(-1\frac{5}{8}\right) + 2\frac{5}{6} + (-4) + 1\frac{4}{5}$

24)  $\left(-2\frac{1}{8}\right) - 3\frac{1}{4} - 3 - 4\frac{1}{8}$

## Answers to Adding Signed Mixed Numbers

1)  $1\frac{1}{4}$

2)  $4\frac{13}{28}$

3)  $-\frac{25}{56}$

4)  $-\frac{1}{2}$

5)  $-3\frac{1}{6}$

6)  $-4\frac{19}{42}$

7)  $4\frac{1}{8}$

8)  $-4\frac{1}{6}$

9)  $-1\frac{37}{84}$

10)  $6\frac{16}{21}$

11)  $4\frac{43}{168}$

12)  $-7\frac{5}{6}$

13)  $-9\frac{5}{14}$

14) 3

15)  $-5\frac{14}{15}$

16)  $1\frac{47}{120}$

17)  $4\frac{17}{24}$

18)  $4\frac{41}{60}$

19)  $10\frac{557}{840}$

20)  $9\frac{137}{420}$

21)  $-6\frac{13}{15}$

22)  $-7\frac{11}{14}$

23)  $-\frac{119}{120}$

24)  $-12\frac{1}{2}$