

Adding & Subtracting Fractions

(Warm-Up) Find each sum.

1) $\frac{5}{3} + \frac{11}{6}$

2) $\frac{1}{4} + \frac{5}{3}$

3) $4\frac{4}{7} + 3\frac{1}{2}$

4) $3\frac{5}{6} + 2\frac{1}{2}$

(Warm-Up) Find each difference.

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

6) $\frac{2}{3} - \frac{1}{8}$

7) $1\frac{5}{6} - \frac{3}{2}$

8) $3\frac{1}{6} - 2\frac{5}{7}$

Developing:

Find each sum.

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

10) $\left(-\frac{5}{3}\right) + \left(-\frac{4}{5}\right)$

11) $1\frac{1}{2} + \left(-\frac{6}{5}\right)$

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

13) $2\frac{6}{7} + \left(-2\frac{4}{5}\right)$

14) $\left(-1\frac{3}{8}\right) + 4\frac{3}{8}$

Find each difference.

15) $\frac{3}{4} - \frac{5}{4}$

16) $\left(-\frac{7}{4}\right) - \frac{1}{6}$

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

18) $\frac{3}{5} - 1\frac{5}{8}$

19) $3\frac{3}{4} - \left(-1\frac{3}{4}\right)$

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

Proficient: Evaluate each expression.

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

$$22) \left(-\frac{8}{7}\right) + \frac{1}{4}$$

$$23) \left(-1\frac{1}{4}\right) + \left(-\frac{9}{8}\right)$$

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

$$25) \left(-1\frac{2}{3}\right) + \left(-1\frac{7}{8}\right)$$

$$26) 1\frac{5}{8} - \frac{3}{7}$$

$$27) \left(-2\frac{2}{3}\right) + \frac{1}{4}$$

$$28) 3\frac{7}{8} + \left(-1\frac{7}{8}\right)$$

$$29) 3\frac{2}{7} + \left(-2\frac{1}{5}\right)$$

$$30) (-7) - \left(-\frac{11}{6}\right)$$

$$31) (-1) - \left(-1\frac{2}{3}\right)$$

$$32) 1\frac{1}{5} - 2\frac{3}{4}$$

Extending: Evaluate each expression.

$$33) 1 + 3\frac{3}{5} - \left(-\frac{4}{3}\right)$$

$$34) (-1) + \left(-\frac{3}{2}\right) - 1\frac{3}{7}$$

$$35) 2 - \frac{8}{5} + 3\frac{3}{4}$$

$$36) \left(-\frac{3}{2}\right) + 2 - \left(-\frac{2}{3}\right)$$

$$37) \frac{1}{3} + \left(-\frac{1}{2}\right) + \left(-1\frac{2}{5}\right)$$

$$38) \left(-\frac{7}{5}\right) - \frac{1}{4} + \frac{1}{2} + (-2)$$

$$39) \left(-\frac{4}{3}\right) + \left(-2\frac{2}{3}\right) - \left(-2\frac{3}{5}\right) + \frac{5}{3}$$

$$40) 2\frac{3}{5} + \left(-1\frac{1}{2}\right) - 1 + 1\frac{2}{3}$$

$$41) 1 + \left(-\frac{7}{4}\right) - \left(-\frac{1}{3}\right) + (-2)$$

$$42) \left(-\frac{8}{5}\right) + \frac{1}{2} - \left(-1\frac{1}{2}\right) - \left(-\frac{3}{2}\right)$$