

Diagnostic: Add and Subtract Mixed Numbers

Date _____

Evaluate each expression.

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

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

3) $5\frac{7}{8} + 1\frac{5}{8}$

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

5) $2\frac{4}{7} - 1\frac{3}{8}$

6) $3\frac{3}{4} - 1\frac{4}{5}$

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

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

$$9) 4\frac{5}{6} + \left(-2\frac{5}{6}\right)$$

$$10) 2\frac{1}{3} - \left(-3\frac{3}{4}\right)$$

$$11) \left(-2\frac{1}{8}\right) + 4\frac{4}{5}$$

$$12) \left(-2\frac{1}{6}\right) - \left(-2\frac{1}{2}\right)$$

Answers to Diagnostic: Add and Subtract Mixed Numbers

1) 6

2) $5\frac{2}{3}$

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

4) $7\frac{5}{6}$

5) $1\frac{11}{56}$

6) $1\frac{19}{20}$

7) $\frac{2}{7}$

8) 4

9) 2

10) $6\frac{1}{12}$

11) $2\frac{27}{40}$

12) $\frac{1}{3}$