

Diagnostic: Add and Subtract Fractions

Date _____

Find each sum.

1) $\frac{11}{8} + \frac{5}{8}$

2) $\frac{3}{7} + \frac{10}{7}$

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

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

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

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

Find each difference.

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

8) $\frac{9}{5} - \frac{9}{5}$

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

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

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

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

Answers to Diagnostic: Add and Subtract Fractions

1) 2

2) $1\frac{6}{7}$

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

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

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

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

7) 0

8) 0

9) $2\frac{3}{7}$

10) $1\frac{1}{3}$

11) $1\frac{2}{3}$

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