

Name: _____

Date: _____

Extra Practice (5.5 - 5.7)

Find each sum or difference. Write in simplest form. (lesson 5.5)

1) $\frac{5}{7} + \frac{2}{7}$

2) $-\frac{7}{9} - \frac{4}{9}$

3) $7\frac{9}{10} + 3\frac{3}{10}$

4) $\frac{5c}{22} + \frac{5c}{22}$

5) $\frac{4h}{6} + \frac{h}{6}$

6) $4\frac{5}{7a} - 2\frac{3}{7a}$

7) $\frac{6r^2}{s^2} - \frac{5r^2}{s^2}$

8) $22\frac{3}{8} - 18\frac{5}{8}$

9) $-8\frac{7}{10} + 2\frac{3}{10}$

Find the least common denominator (LCD) of each pair of fractions. (lesson 5.6)

10) $\frac{3}{10}, \frac{7}{12}$

11) $\frac{2}{3}, \frac{3}{4}$

12) $\frac{8}{d^2e}, \frac{7}{9d^3}$

13) $\frac{9}{5ab} \cdot \frac{7}{10c^2}$

Find each sum or difference. Write in simplest form. (lesson 5.7)

14) $\frac{9}{10} + \frac{1}{2}$

15) $\frac{4}{5} - \frac{2}{6}$

16) $-\frac{7}{8} + \frac{9}{10}$

17) $7\frac{1}{2} - 2\frac{7}{10}$

18) $8\frac{1}{6} + 5\frac{3}{4}$

19) $-16\frac{2}{7} - 3\frac{20}{21}$

20) $-17\frac{2}{3} - \left(-5\frac{4}{18}\right)$

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

22) $12\frac{2}{7} - 3\frac{5}{6}$