

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Score: \_\_\_\_\_ / \_\_\_\_\_ = \_\_\_\_\_ % = \_\_\_\_\_

**HW 2-4****Int 1****Add/Subtract Fractions****Unit 2****Simplify.**

1.  $-\frac{3}{7} - \frac{1}{7} =$

7.  $\frac{2}{5} - \frac{1}{2} =$

13.  $\frac{2}{8} + \left(-\frac{1}{4}\right) =$

2.  $\frac{3}{14} - \frac{6}{7} =$

8.  $-\frac{3}{14} + \frac{4}{7} =$

14.  $\frac{1}{4} - \frac{3}{8} + \frac{1}{2} =$

3.  $-\frac{3}{8} + \frac{5}{8} =$

9.  $\frac{4}{7} - \frac{6}{7} =$

15.  $-\frac{5}{12} - \left(-\frac{11}{12}\right) =$

4.  $-\frac{1}{2} + \frac{3}{4} - \frac{5}{6} =$

10.  $-\frac{5}{6} - \left(-\frac{1}{6}\right) =$

16.  $-\frac{5}{6} + \frac{2}{3} =$

5.  $-\frac{4}{7} + \frac{6}{7} =$

11.  $\frac{8}{12} - \frac{4}{12} =$

17.  $\frac{4}{5} + \left(-\frac{7}{8}\right) =$

6.  $\frac{4}{5} + \frac{2}{5} =$

12.  $-\frac{4}{5} - \frac{2}{15} + \frac{1}{3} =$

18.  $\frac{7}{24} - \frac{5}{12} =$

**Choose an operation to solve each problem. Then solve each problem. Write your answers in simplest form.**

19. Kari needs  $\frac{7}{8}$  of a yard of fabric to make a bag. If she has  $\frac{8}{9}$  of a yard, how much fabric will be left over?
20. Mrs. Escalante was riding a bicycle on a bike path. After riding  $\frac{2}{3}$  of a mile, she discovered that she still needed to travel  $\frac{3}{4}$  of a mile to reach the end of the path. How long is the bike path?
21. Four students were scheduled to give book reports in 1 hour. After the first report,  $\frac{2}{3}$  of an hour remained. The next two reports took  $\frac{1}{6}$  hour and  $\frac{1}{4}$  hour. What fraction of the hour remained?
22. Tom has 3 piles of sand:  $\frac{11}{16}$  of a cup,  $\frac{1}{2}$  of a cup, and  $\frac{7}{8}$  of a cup. His brother Jimmy comes and eats  $\frac{1}{4}$  of a cup of Tom's sand. How much sand does Tom have left?