

Add or subtract. Write in simplest form. (Examples 1-3)

1.  $2\frac{1}{9} + 7\frac{4}{9} =$  \_\_\_\_\_

2.  $8\frac{5}{12} + 11\frac{1}{4} =$  \_\_\_\_\_

3.  $10\frac{4}{5} - 2\frac{1}{5} =$  \_\_\_\_\_

Show  
your  
work.

4.  $9\frac{4}{5} - 2\frac{3}{10} =$  \_\_\_\_\_

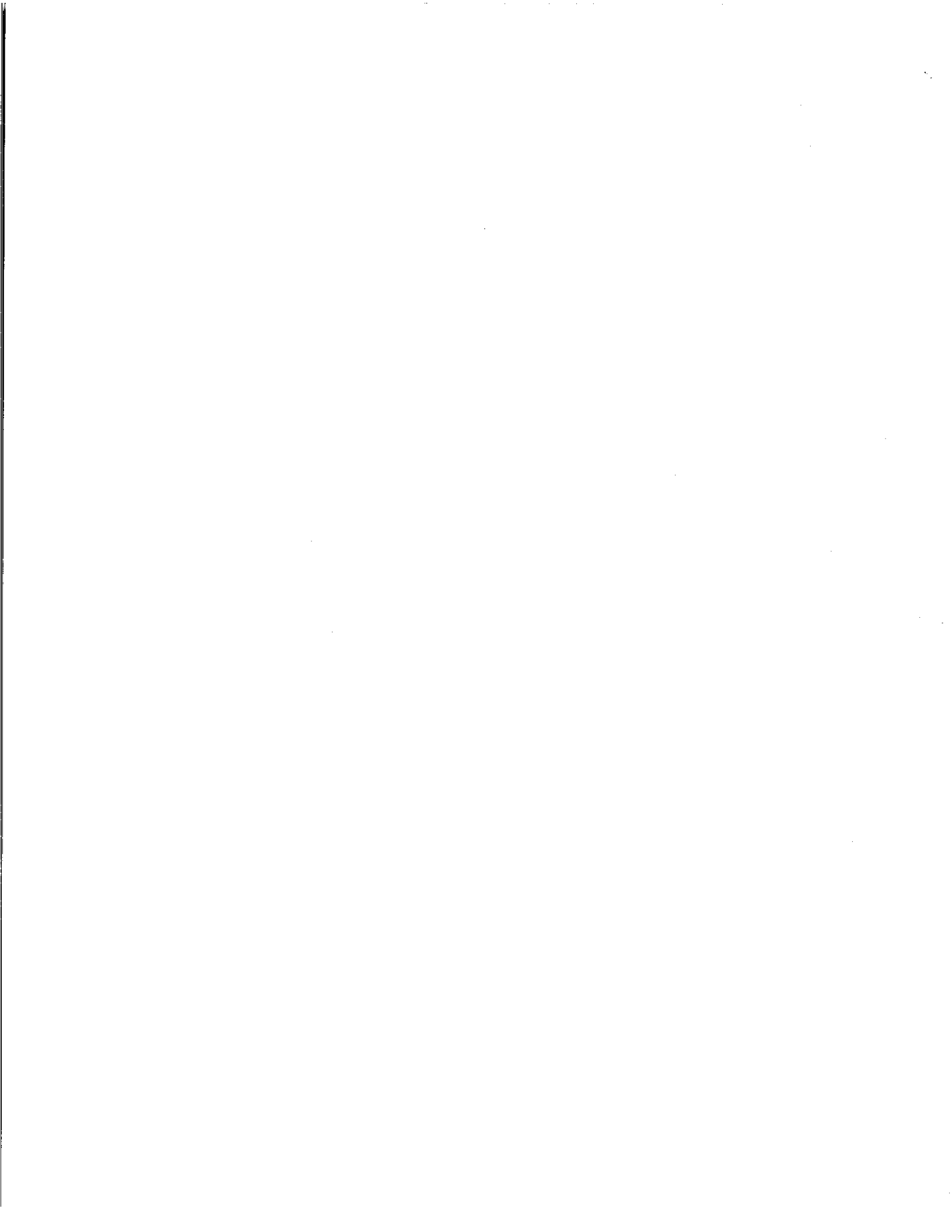
5.  $11\frac{3}{4} - 4\frac{1}{3} =$  \_\_\_\_\_

6.  $9\frac{1}{5} - 2\frac{3}{5} =$  \_\_\_\_\_

7.  $6\frac{3}{5} - 1\frac{2}{3} =$  \_\_\_\_\_

8.  $14\frac{1}{6} - 7\frac{1}{3} =$  \_\_\_\_\_

9.  $8 - 3\frac{2}{3} =$  \_\_\_\_\_






**Justify Conclusions** For Exercises 10 and 11, choose an operation to solve. Explain your reasoning. Then solve the problem. Write your answer in simplest form. (Example 4)

10. If Juliana and Brody hiked both of the trails listed in the table, how far did they hike?

Trail	Length (mi)
Woodland Park	$3\frac{2}{3}$
Mill Creek Way	$2\frac{5}{6}$

 The length of Kasey's garden is  $4\frac{5}{8}$  feet. Find the width of Kasey's garden if it is  $2\frac{7}{8}$  feet shorter than the length.

**Add or subtract. Write in simplest form.**

12.  $8\frac{3}{8} + 10\frac{1}{3} =$  \_\_\_\_\_

13.  $13 - 5\frac{5}{6} =$  \_\_\_\_\_

14.  $3\frac{2}{7} + 4\frac{3}{7} =$  \_\_\_\_\_

15.  $4\frac{3}{10} - 1\frac{3}{4} =$  \_\_\_\_\_

16.  $12\frac{1}{2} - 6\frac{5}{8} =$  \_\_\_\_\_

