

**Homework****Subtract.**

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

2.  $\frac{4}{5} - \frac{8}{15}$

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

4.  $\frac{61}{100} - \frac{7}{25}$

5.  $\frac{4}{7} - \frac{1}{6}$

6.  $\frac{6}{11} - \frac{1}{2}$

Circle the greater fraction. Then write and solve a subtraction problem to find the difference of the fractions.

7.  $\frac{9}{10}$   $\frac{11}{12}$  \_\_\_\_\_

8.  $\frac{5}{18}$   $\frac{1}{3}$  \_\_\_\_\_

**Solve.***Show your work.*

9. Marly passes the library on her way to school. The distance from Marly's house to the library is  $\frac{3}{8}$  mile. The distance from Marly's house to the school is  $\frac{4}{5}$  mile. How far is it from the library to Marly's school?
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10. Tim spends about  $\frac{1}{3}$  of each weekday sleeping and about  $\frac{7}{24}$  of each weekday in school.

- a. What fraction of a weekday does Tim spend either sleeping or in school?
- \_\_\_\_\_

- b. Is this more or less than  $\frac{1}{2}$  a day? \_\_\_\_\_

- c. How much more or less? \_\_\_\_\_

## Remembering

Write each fraction as a mixed number.

1.  $\frac{11}{5} =$  \_\_\_\_\_

2.  $\frac{21}{8} =$  \_\_\_\_\_

3.  $\frac{57}{6} =$  \_\_\_\_\_

Write each mixed number as a fraction.

4.  $1\frac{5}{6} =$  \_\_\_\_\_

5.  $11\frac{2}{3} =$  \_\_\_\_\_

6.  $6\frac{1}{9} =$  \_\_\_\_\_

Add or subtract.

7.  $\frac{3}{7} + \frac{2}{7}$

8.  $\frac{7}{10} - \frac{3}{10}$

9.  $\frac{3}{10} + \frac{2}{5}$

10.  $2\frac{1}{6} + 3\frac{5}{6}$

11.  $6\frac{11}{12} - 2\frac{5}{12}$

12.  $5\frac{1}{3} - 1\frac{2}{3}$

13.  $4\frac{3}{4} + 4\frac{3}{4}$

14.  $4 - 3\frac{5}{8}$

15.  $\frac{3}{11} + \frac{1}{3}$

Solve.

*Show your work.*

16. Ayala and Sam were partners on a science project. Ayala spent  $2\frac{3}{4}$  hours working on the project. Sam spent  $1\frac{3}{4}$  hours working on the project. How long did they work altogether?

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17. **Stretch Your Thinking** Marti grouped all her CDs into separate categories. She said, " $\frac{2}{5}$  of my CDs are rock music,  $\frac{1}{6}$  are jazz,  $\frac{1}{3}$  are hip hop, and  $\frac{1}{4}$  are country music." Explain why Marti's statement cannot be correct.

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