

Find the difference.

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

6.  $10\frac{5}{9} - 9\frac{1}{6}$

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

**On Your Own**

Find the sum or difference.

8.  $1\frac{3}{10} + 2\frac{2}{5}$

9.  $8\frac{1}{6} + 7\frac{3}{8}$

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

11.  $12\frac{3}{4} - 6\frac{1}{6}$

12.  $2\frac{5}{8} - 1\frac{1}{4}$

13.  $14\frac{7}{12} - 5\frac{1}{4}$

Find the sum or difference.

14.  $1\frac{5}{12} + 4\frac{1}{6}$

15.  $8\frac{1}{2} + 6\frac{3}{5}$

16.  $2\frac{1}{6} + 4\frac{5}{9}$

17.  $3\frac{5}{8} + \frac{5}{12}$

18.  $3\frac{2}{3} - 1\frac{1}{6}$

19.  $5\frac{6}{7} - 1\frac{2}{3}$

20.  $2\frac{7}{8} - \frac{1}{2}$

21.  $4\frac{7}{12} - 1\frac{2}{9}$

22. Dakota makes a salad dressing by combining  $6\frac{1}{3}$  fluid ounces of oil and  $2\frac{3}{8}$  fluid ounces of vinegar in a jar. She then pours  $2\frac{1}{4}$  fluid ounces of the dressing onto her salad. How much dressing remains in the jar?
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23. This week, Talulla worked  $2\frac{1}{2}$  hours on Monday,  $2\frac{2}{3}$  hours on Tuesday, and  $3\frac{1}{4}$  hours on Wednesday. How many more hours will Talulla need to work this week to make her goal of  $10\frac{1}{2}$  hours a week?
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**Math Talk****MTR 4.1** Engage in discussions on mathematical thinking.Explain why you need to write equivalent fractions with common denominators to add  $4\frac{5}{6}$  and  $1\frac{1}{8}$ .

# Problem Solving · Applications

Use the table to solve Problems 24 and 25.

24. **MTR** Gavin plans to mix a batch of Tangerine paint. He expects to have a total of  $5\frac{3}{10}$  ounces of paint after he mixes the amounts of red and yellow. Explain how you can tell if Gavin's expectation is reasonable.

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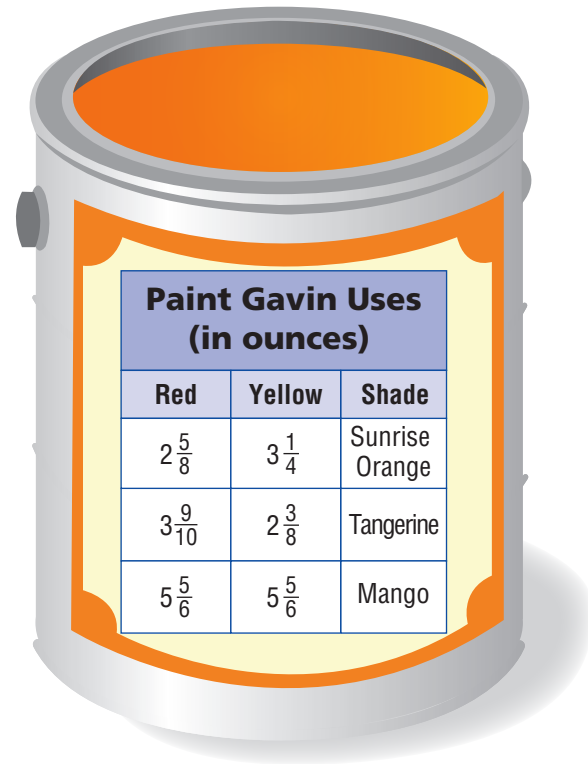
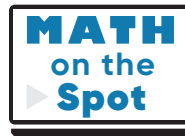


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25. Gavin mixes the amount of red from one shade of paint with the amount of yellow from a different shade of paint. He mixes the batch so he will have the greatest possible amount of paint. What amounts of red and yellow from which shades are used in the mixture? Explain your answer.



26. Martin won first place in the 100-meter dash with a time of  $14\frac{23}{100}$  seconds. Samuel came in second place with a time of  $15\frac{7}{10}$  seconds. For 26a–26d, select True or False for each statement.

- 26a. A common denominator of the mixed numbers is 100.  True  False
- 26b. To find the difference between the runners' times, Samuel's time needs to be rewritten.  True  False
- 26c. Samuel's time written with a denominator of 100 is  $15\frac{70}{100}$ .  True  False
- 26d. Martin beat Samuel by  $\frac{21}{25}$  second.  True  False