28. **CCSS** **Be Precise** Nan was $59\frac{7}{8}$ inches tall at the end of summer. She was $62\frac{1}{8}$ inches by March. How much did she grow during that time? *(Example 5)*

29. Yahto needs $3\frac{3}{4}$ cups of sugar to make cookies. He needs an additional $\frac{3}{4}$ cup for bread. Find the total amount of sugar that Yahto needs. *(Example 5)*

Find the distance between each pair of points. Simplify if necessary. *(Example 6)*

30. $-\frac{5}{8}$ and $\frac{1}{8}$

31. $-\frac{7}{15}$ and $-\frac{4}{15}$

32. $-\frac{1}{8}$ and $\frac{3}{8}$

33. $-\frac{3}{16}$ and $\frac{3}{16}$

Find each sum or difference. Write in simplest form.

34. $-2\frac{9}{10}+\left(-9\frac{9}{10}\right)+\left(-6\frac{9}{10}\right)$

35. $\frac{1}{9}-2\frac{4}{9}-\frac{5}{9}$

36. A triathlon is a race with swimming, biking, and running. If an athlete swims for $18\frac{2}{4}$ minutes, bikes for $59\frac{1}{4}$ minutes, and runs for $37\frac{3}{4}$ minutes, what is his total time?

37. The table shows the weight of Leon's dog during its first 5 years.

Age (years)	1	2	3	4	5
Weight (pounds)	$17\frac{2}{8}$	$18\frac{5}{8}$	$19\frac{4}{8}$	$18\frac{3}{8}$	$20\frac{7}{8}$

a. How much weight did Leon's dog gain or lose between years 3 and 4? between years 1 and 5?

b. If Leon's dog gains $1\frac{3}{8}$ pounds each year between years 5 and 7, how much will his dog weigh?

38. A lasagne recipe uses $1\frac{2}{4}$ teaspoons basil, $\frac{1}{4}$ teaspoon pepper, and 4 teaspoons parsley. If you double the recipe, how many teaspoons of seasoning will you use?

39. **CCSS** **Use Math Tools** Write a subtraction problem with a difference of $-\frac{2}{3}$.

40. **CCSS** **Persevere with Problems** Lopez Construction is replacing a window in a house. The window is currently 3 feet wide by 4 feet tall. The homeowner wants to add 9 inches to each side of the window. What is the new perimeter of the window in feet? Justify your reasoning.

41. **CCSS** **Find the Error** Xavier said the sum of $-4\frac{1}{9}$ and $1\frac{7}{9}$ is $-3\frac{8}{9}$. Is he correct? Explain your reasoning.

42. **CCSS** **Use Math Tools** Explain how you could use mental math to find the following sum. Then find the sum. Support your answer with a model.

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

43. **Building on the Essential Question** Write a real-world problem about cooking that can be solved by adding or subtracting fractions. Then solve the problem.
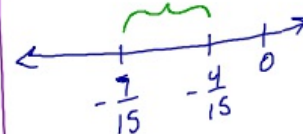
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