

HW 2.3 Lesson

Name: _____

- Regular: p. 62-63 #9-16, 22
- Modified: p. 62-63 #9, 11, 13, 15, 22
- Advanced: p. 62-63 #9-16, 22, 24-26

{Show all work!}


Subtract. Write fractions in simplest form.

9. $5.5 - 8.1$

10. $-7.34 - (-5.51)$

11. $6.673 - (-8.29)$

12. **ERROR ANALYSIS** Describe and correct the error in finding the difference.

 $\frac{3}{4} - \frac{9}{2} = \frac{3-9}{4-2} = \frac{-6}{2} = -3$

Find the distance between the two numbers on a number line.

13. $-2\frac{1}{2}, -5\frac{3}{4}$



14. $-2.2, 8.4$



15. $-7, -3\frac{2}{3}$



16. **SPORTS DRINK** Your sports drink bottle is $\frac{5}{6}$ full. After practice, the bottle is $\frac{3}{8}$ full. Write the difference of the amounts after practice and before practice.

Sentence: _____

22. **RECIPE** A cook has $2\frac{2}{3}$ cups of flour. A recipe calls for $2\frac{3}{4}$ cups of flour. Does the cook have enough flour? If not, how much more flour is needed?

Sentence: _____

Advanced:

RAINFALL In Exercises 24–26, the bar graph shows the differences in a city's rainfall from the historical average.

24. What is the difference in rainfall between the wettest and the driest months?
25. Find the sum of the differences for the year.
26. What does the sum in Exercise 25 tell you about the rainfall for the year?

