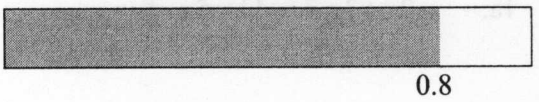
Chapter Five Review

Section 5.1 An Introduction to Decimals

1. $0.67, \frac{67}{100}$

2. 

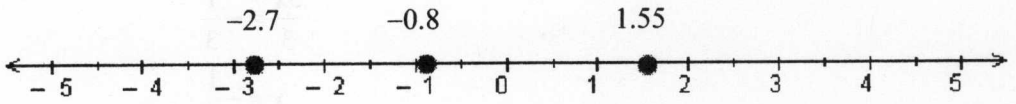
3. $10+6+\frac{4}{10}+\frac{5}{100}+\frac{2}{1,000}+\frac{3}{10,000}$

4. two and three tenths, $2\frac{3}{10}$

5. negative fifteen and fifty-nine hundredths, $-15\frac{59}{100}$

6. six hundred one ten thousandths, $\frac{601}{10,000}$

7. one one-hundred thousandth, $\frac{1}{100,000}$

8. 

9. VALEDICTORIANS
Washington, Diaz, Chou, Singh, Gerbac

10. true

11. $4.5 < 4.6$

12. $-2.35 > -2.53$

13. $10.90 = 10.9$

14. $0.027894 < 0.034$

15. 4.58

16. 3,706.090

17. −0.1

18. 88.1

Section 5.2 Adding and Subtracting Decimals

19. $19.5+34.4+12.8=66.7$

20. $3.4+6.78+35+0.008=45.188$

21. $68.47-53.3=15.17$

22. $45.08-17.37=27.71$

23. $-16.1+8.4=-7.7$

24. $-4.8-(-7.9)=-4.8+7.9$
$=3.1$

25. $-3.55+(-1.25)=-4.8$

26. $-15.1-13.99=-15.1+(-13.99)$
$=-29.09$

27. $-8.8+(-7.3-9.5)=-8.8+(-7.3+[-9.5])$
$=-8.8+(-16.8)$
$=-25.6$

28. $(5-0.096)-(-0.035)=4.904+0.035$
$=4.939$

29. SALE PRICES

$s=$ sale price

$s=52.20-3.99$

$s=48.21$

The sale price is \$48.21.

30. MICROWAVE OVENS

$w=$ height of window

$w=13.4-(2.5+2.75)$

$w=13.4-5.25$

$w=8.15$

The window is 8.15 in high.