Chapter Review Pg. 259 Answers

1. 0.76

2. 0.06

3. 3.34

4. 15%

5. 124%

6. 9.7%

7. 52%

8. 245%

9. 0.46

10. 22%

11.

$\frac{41}{50} = 82\%$

80%

$0.83 = 83\%$

80% 81% 82% 83% 84%

12.

$2.15 = 215\%$ 220% $\frac{9}{4} = 225\%$

210% 215% 220% 225% 230%

13.

$66\% = 0.66$ $\frac{2}{3} = 0.\overline{6}$ 0.67
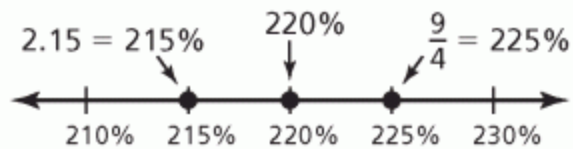
0.66 0.67

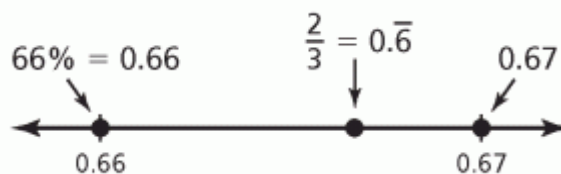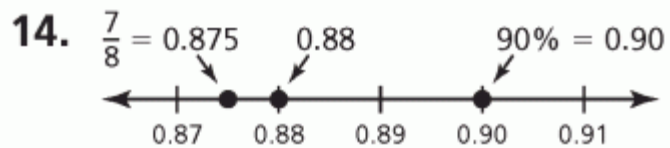**14.** $\frac{7}{8} = 0.875$ 0.88 90% = 0.90
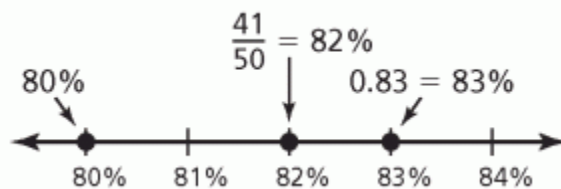
15. $\frac{18}{60} = \frac{p}{100}$; $p = 30$

16. $\frac{40}{32} = \frac{p}{100}$; $p = 125$

17. $\frac{a}{70} = \frac{70}{100}$; $a = 49$

18. $\frac{\frac{3}{4}}{w} = \frac{75}{100}$; $w = 1$

19. $a = 0.24 \cdot 25$; 6

20. $9 = p \cdot 20$; 45%

21. $60.8 = p \cdot 32$; 190%

22. $91 = 1.3 \cdot w$; 70

23. $10.2 = 0.85 \cdot w$; 12

24. $a = 0.83 \cdot 20; 16.6$

25. 120 parking spaces

26. 64%

27. increase; 500%

28. decrease; 56.7%

29. about 13.3%

30. $42.50

31. $93.75

32. a. $36

    b. $336

33. a. $280

    b. $2280

34. 1.7%

35. 7.1%

36. 3 years

37. 6 years

38. 4%