Textbook Unit 5 Lesson 8 Answers

1. a) 6% 0.06   b) 81% 0.81   c) 34% 0.34   d) 30% 0.30   e) 2% 0.02   f) 20% 0.20
   g) 35% 0.35   h) 75% 0.75

2. a) $\frac{97}{100}$ 97%   b) $\frac{3}{100}$ 3%   c) $\frac{16}{100}$ 16%   d) $\frac{50}{100}$ 50%   e) $\frac{65}{100}$ 65%   f) $\frac{24}{100}$ 24%

   g) $\frac{9}{100}$ 9%   h) $\frac{70}{100}$ 70%

3. a) $\frac{14}{100}$ 0.14   b) $\frac{99}{100}$ 0.99   c) $\frac{25}{100}$ 25%   d) $\frac{40}{100}$ 40%   e) $\frac{35}{100}$ 35%   f) $\frac{6}{100}$ 6%

   g) $\frac{90}{100}$ 90%   h) $\frac{15}{100}$

4. a) $\frac{3}{4}$ 75%   b) $\frac{1}{1}$ 100%   c) $\frac{3}{5}$ 60%

5. a) $\frac{5}{10}$ 50%   b) $\frac{6}{24}$ 25%   c) $\frac{15}{25}$ 60%

6. a) $\frac{7}{10}$ is greater than 50%   b) $\frac{3}{4}$ is greater than 50%   c) $\frac{11}{25}$ is less than 50%

   d) $\frac{6}{6}$ is greater than 50%

7. In order to find the decimal for $\frac{1}{4}$ simply divide 1 by 4 and you will get 0.25.

8. a) False. Only 42% were adults or seniors.

   b) True $\frac{58}{100}$ is 58%. Children and teens equals 58% from the table.

   c) True. $\frac{1}{4}$ is 25%. Adults in the table are 34%.

   d) False. 0.5 is 50%. Teens and adults in the table are 79%.

9. 0.01 is the least (1%)

   10% and $\frac{1}{10}$ are equal and they are the greatest.

10. Ravi $\frac{18}{20}$ equals 90%. Kari had 85%. Ravi had the higher mark.

11. a) 1%   b) 99%   c) 76%   d) 30%