Chapter 5 Review Questions

1. Ruby made a mosaic wall mural using 100 tiles. She used black, blue, and red tiles in the mural. On the wall there are 34 black tiles and 47 blue tiles, the rest were red tiles. What percent of red tiles were used?

2. The school band has 28 wood wind instruments, 24 percussion instruments, 32 string instruments, and 16 bass instruments. What are the possible ways to write what portion of the band are string instruments? Fraction, Decimals, and Percent

3. There are 72 marbles in a bin and 25% of the marbles are orange. How many orange marbles are in the bin?

4. Andrew has 40 CD's in his music collection. If 25% of the CDs are country music and 40% are pop music, how many CDs are the remaining types of music?

5. A baker made 60 muffins for a café. By noon, 45% of the muffins were sold. How many muffins were sold? How many were left?

6. Audrey planted cabbage, squash, and carrots on his 250-acre farm. He planted half the farm with squash and 32% with carrots. How many acres did he plant with cabbage?

7. There were 120 people at the concert. If 80% of the seats were filled, how many seats were in the auditorium?

8. Jalen saves his coins in a jar. 30% of the coins are pennies. If there are 32 pennies in the jar, how many coins does Jalen have in the jar?