

7.6 The Three Types of Percent Problems

Chapter 7: Percent

Name: _____

Date: _____

Class/Period: _____

Problem 7.105 Find 26% of 250.

Problem 7.108 40% of what number is 90?

Problem 7.106 Find 125% of 60.

Problem 7.109 15 is 125% of what number?

Problem 7.107 21 is 60% of what number?

Problem 7.110 99 is what percent of 60?

7.6 The Three Types of Percent Problems

Chapter 7: Percent

Problem 7.111 77 is what percent of 140?

Problem 7.114 43% of 200 is what number?

Problem 7.112 3 is 22.5% of what number?

Problem 7.115 $\frac{3}{8}$ is 45% of what number?

Problem 7.113 18 is 30% of what number?

Problem 7.116 9 is 15% of what number?

7.6 The Three Types of Percent Problems

Chapter 7: Percent

Problem 7.117 121 is what percent of 220?

Problem 7.120 48 miles is 60% of what distance?

Problem 7.118 9 incorrect answers out of 40 is what percent?

Problem 7.121 Identify part, percent, and whole in "36% of 250 is 90."

Problem 7.119 27 ounces is 45% of what total volume?

Problem 7.122 Write a percent problem with whole 80 and part 28.

7.6 The Three Types of Percent Problems

Chapter 7: Percent

Problem 7.123 Thirty-six percent of the parking spots are empty. There are 90 empty spots. How many spots are there, and how many are occupied?

Problem 7.125 A student writes $50/p = 23/100$ for "23 of 50 tosses were tails." Explain the mismatch and write a correct equation.

Problem 7.124 A bottle is 45% grape juice and contains 27 ounces of grape juice. How many ounces are not grape juice?

Problem 7.126 Create three questions using the same numerical values, one asking for the part, one for the percent, and one for the whole. Solve all three.