

Guided Practice 2.5

NAME _____

Module 2 Whole Number Operations
Lesson 5 Problem-solving Strategies

Set 1

Draw a Diagram to solve.

- 1 Six teams are in a tournament. Each team plays every other team once. How many games are there?



- 2 A band has 50 musicians. Twenty-six can play the piano, 20 can play the flute, and nine can play both. How many band members can play neither piano nor flute?



Set 2

Make a List to solve.

- 1 How many four-digit numbers contain only two, only four, or both two and four?

- 2 Ben wrote all the numbers from one to 999 that had four in both the tens place and in the ones place. How many fours did Ben write?

Set 3

Guess and Check to solve.

- 1 Use each of the digits one through nine at least once, and form three four-digit odd numbers with the sum of 5,959.

Use any strategy to solve.

- 2 There were four teams in a volleyball tournament. Each team played two games with each of the other teams. How many games were played?

