

Lesson 1.6 Problem Solving**SHOW YOUR WORK**

Estimate the answers to the following problems. Check your answer by using the opposite operation.

1. There are 527 sixth-grade students who will take a field trip. There are 9 buses. About how many students will be riding in each bus?

Round 527 to _____.

About _____ students will ride each bus.

2. At West Side Middle School, there are 42 classrooms with 28 desks in each. About how many desks are there?

Round 42 to _____ and round 28 to _____.

There are about _____ desks.

3. There are 563 books to be shelved in the library. Each shelf holds 7 books. About how many shelves will be used?

Round 563 to _____.

About _____ shelves will be used.

4. Mrs. Juergen's class is building a model city from craft sticks. Each house requires 267 sticks. The class will build 93 houses. About how many sticks will be needed?

Round 267 to _____ and round 93 to _____.

About _____ sticks will be needed.

5. Thirty-eight students are going on a field trip. Parents will drive. Each car can hold 4 students along with the driver. How many cars will be needed?

Round 38 to _____.

About _____ cars will be needed.

6. Jorge's family is taking a car trip to see his grandmother. The family plans to spend 3 days on the road. The distance is 687 miles. About how far must they drive each day?

Round 687 to _____.

They must drive about _____ miles each day.

1.

2.

3.

4.

5.

6.