

Parking at the Mall

NAME _____

Use the following parking lot recommendations to help you answer the questions below.

PARKING LOT RECOMMENDATIONS

TYPE OF PARKING SPACE	DIMENSIONS	PERCENT OF SPACES
Regular Parking Space	9 feet \times 12 feet	
Handicapped Parking Space	15 feet \times 20 feet	3

1. The new shopping mall advertised that parking space would be available for 5,000 cars. Estimate how many spaces at the new mall would be needed for handicapped parking.

Explain your thinking.

2. How many spaces at the new shopping mall would actually be needed for handicapped parking?

How do you know?

3. How many other parking spaces would be available?

How do you know?

4. A large sale was scheduled at the mall, and the parking lot was full. Estimate the number of shoppers at the mall. Tell how you determined your estimate.