

Lesson 1-1

Reinforce Understanding

Math is Mine

I can describe the ways we are all doers of math, and compare my math story with a classmate's.

Worked model

The Ferris wheel has 20 cars, and about 4 people fit in each car. About how many people can ride at one time?

1. I count the cars: 20. Then I estimate how many riders fit in one car: about 4.
2. I do not count every person — an estimate is a reasoned answer that is close enough to be useful.
3. $20 \times 4 = 80$, so I would say “about 80 people.”

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. What does it mean to **ESTIMATE** how many people are on the Ferris wheel?

Circle the letter of the best answer. Show how you know.

- A. Count every single person exactly
- B. Guess any number at random
- C. Give a reasoned answer that is close enough to be useful
- D. Refuse to answer without more data

Show your work

2. About how many people can ride the Ferris wheel at one time if it has 20 cars that each hold about 4 people?

Circle the letter of the best answer. Show how you know.

- A. About 5
- B. About 24
- C. About 80
- D. About 400

Show your work

3. Which of these is a correct way to decompose 78.5?

Circle the letter of the best answer. Show how you know.

- A. $7 + 8.5$
- B. $70 + 8.5$
- C. $70 + 8.05$
- D. $78 + 5$

Show your work
