

Lesson 1-1 • Group 2

Reinforce Understanding

1.1 Small Group • Group 2

I can describe the ways we are all doers of math, and compare my math story with a classmate's, explain how I can tell, and judge a case I have not seen before.

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. Use mental math to complete each Ferris wheel estimate.

Complete the table. Show how you found each value.

Situation	Estimate	Answer
20 cars, each holding about 4 riders		
About 80 riders each turn, 6 turns in an hour		
About 480 riders each hour, for 2 hours		

Show your work

2. Match each number to a correct decomposition.

Write the letter of the matching item on each line.

1. _____ 78.5
 2. _____ 78.5 using multiplication
 3. _____ 480
 4. _____ 12.5
- A $70 + 8 + 0.5$
 - B $(7 \times 10) + (8 \times 1) + (5 \times 0.1)$
 - C 6×80
 - D $12 + 0.5$