

Lesson 1-3 • Group 2

Reinforce Understanding**1.3 Small Group • Group 2**

I can represent a real-world situation with a tape diagram or table and use decimal operations to solve it, explain what each part stands for, and build one for a situation I have not seen before.

Worked model

A pile of coins is too big to count one at a time. About how many coins are in the pile?

1. I do not count every coin — I find a small stack I CAN count, about 10 coins.
2. Then I estimate how many stacks like that are in the pile. I count about 15.
3. 15 stacks of about 10 is $15 \times 10 = 150$, so my estimate is about 150 coins — reasoned, not random.

Practice

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

1. Each tram ride takes 12.5 minutes. Complete the table of total minutes.

Complete the table. Show how you found each value.

Rides	Expression	Total minutes
10		
20		
50		

Show your work

2. Match each tram question to the operation that answers it.

Write the letter of the matching item on each line.

1. _____ Minutes for 40 rides (12.5 min each)
2. _____ Rides needed for 400 passengers (80 per ride)
3. _____ Hours in 625 minutes
4. _____ Passengers on 30 full rides

- A 40×12.5
- B $400 \div 80$
- C $625 \div 60$
- D 30×80

3. The round trip is 5 miles. How far does a tram car travel in 5 round trips?

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

- A. 1 mile
- B. 10 miles
- C. 25 miles
- D. 50 miles

Show your work
