

Lesson 1-3 • Group 1

Reinforce Understanding

1.3 Small Group • Group 1

With my small group, I can represent a real-world situation with a tape diagram or table and use decimal operations to solve it — one step at a time, with support.

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. Sort each expression by whether it equals 125.

Write the name of the correct group on each line.

Groups: Equals 125 Does NOT equal 125

- _____ 12.5×10
- _____ 1.25×100
- _____ 62.5×2
- _____ 12.5×100
- _____ 1.25×10
- _____ $12.5 + 10$

2. 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

3. One tram ride takes 12.5 minutes. How many minutes do 10 rides take?

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

- 1.25 minutes
- 22.5 minutes
- 125 minutes
- 1,250 minutes

Show your work