

Lesson 1-2

Reinforce Understanding

Math is Exploring and Thinking

I can make sense of a problem, plan a strategy, and use fractions of a whole number to compare quantities.

Worked model

A bowl is full of peas — far too many to count one at a time. About how many peas are in the bowl?

1. I do not count every pea — I look for a group I CAN count, like one small cluster of about 10.
2. Then I ask how many of those clusters would cover the whole bowl. I count about 12.
3. 12 clusters of about 10 is $12 \times 10 = 120$, so my estimate is about 120 peas — a reasoned answer, close enough to be useful.

Practice

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

1. Which of these is a correct way to decompose 105.76?

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

- A. $10 + 5.76$
- B. $100 + 5.76$
- C. $100 + 5.076$
- D. $105 + 7.6$

Show your work

2. Which is another correct decomposition of 105.76?

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

- A. $106 - 0.34$
- B. $110 - 4.24$
- C. $110 - 5.24$
- D. $110 + 4.24$

Show your work

3. Deon walked a shorter distance than Miguel, and Evelyn walked a longer distance than Miguel. Who walked the shortest distance?

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

- A. Deon
- B. Miguel
- C. Evelyn
- D. It cannot be determined

Show your work
