

Estimating 50 Thousand

Goal Use numbers you know to estimate 50 thousand objects.

1. Make a list of items in your home that you can count to 100.

2. Choose one item from your list. Count 2 sets of 100 and put them in a pile.
3. How many of those piles would make a quantity of 1000 items? Show your work.
4. How many piles of 1000 would make a quantity of 50 thousand items? Show your work.

At-Home Help

To estimate and represent 50 thousand, use familiar objects in smaller quantities.

For example: Use 100 pennies. Put them in rows in a shoe box. How many of these boxes will make 1 thousand pennies?

Answer is 10 times the boxes.

How can you use this answer to figure out the number of boxes needed for 10 thousand pennies?

Answer is 10 times previous answer.

How can you use this new answer to figure out the number of boxes needed for 50 thousand pennies?

Answer is 5 times previous answer.

5. Estimate what 50 thousand of those items would look like. How would you describe it to a friend?

6. Use another way to estimate 50 thousand of the same item. Describe your method in detail.

7. Choose another item from your list. Estimate what 50 thousand of these items would look like.
