

Purpose & SOL

- Students will practice grouping numbers by 10s and 1s to better understand the concept of place value.
- Math 1.2a

Materials

- Place Value Boot camp cards (placed throughout the room).
 - Clipart courtesy of Jeffrey Suho
- Boot Camp recording sheets (1 per student or one per pair).
- Clipboards.
- Base ten blocks (tens and ones).

Length
25 min.

Introduction

The teacher will begin the lesson with all students standing behind their desks marching in place while introducing the lyrics to the Place Value March. Students should echo;

I don't know but I've been told.

Tens are tall (stand up tall) and ones are small (crouch to the ground).

First you count up all the tens.

Then add the babies onto the end.

Sound off...1, 2...3, 4...Now reach down and touch the floor.

Implementation

Retrieval or Scoot

- 1) Have small groups of students come forward in front of the room, in a line, shoulder to shoulder. Walk up and down the line and choose some students to be tall and others small. Tall students stand up tall in a high ten, small students crouch down into a little ball.
- 2) Say, "Class, what numbers are tall?" The class should respond "tens." Have the class count the tens (by tens). Repeat with numbers that are small.
- 3) Introduce the place value boot camp cards.
- 4) Tell students that they will be identifying the tens and the ones on the cards.
- 5) At each card, students will perform an exercise for the amount of tens and ones. For each tens, they will jump up and clap their hands (in a high-ten) and count by tens, for ones they will crouch down and make tiny hops as they count on the ones.
- 6) Show a sample card and work together to find the answer for the tens and ones.
- 7) Have the students perform the exercises.
- 8) Put students in pairs and send them around the room (like scoot) to complete all the cards.

Cool Down

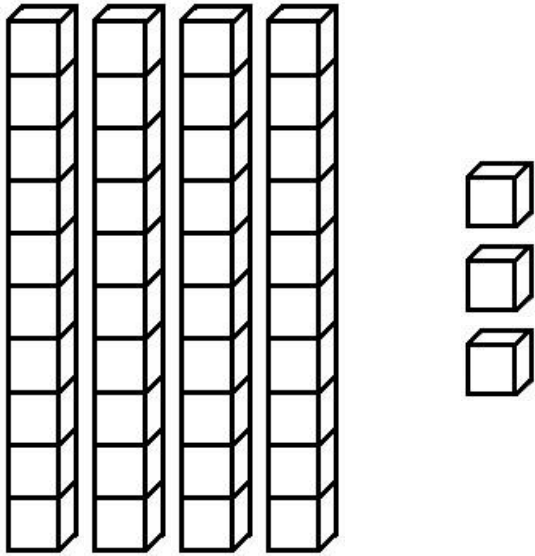
Have pairs march back to their seats. Then, lead students in side stretching, and forward folds. End the lesson with three extended exhales.

Modifications

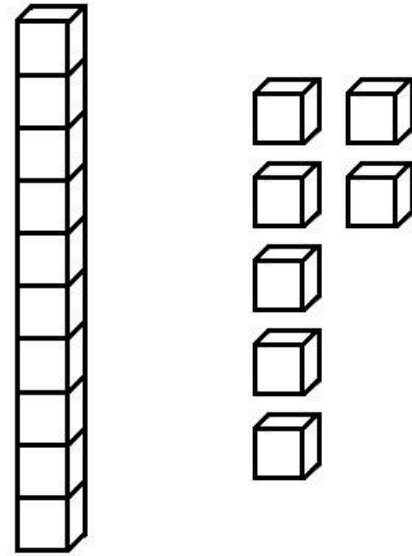
This can be expanded to the hundreds place value, just add a movement and phrase into the rhyme.



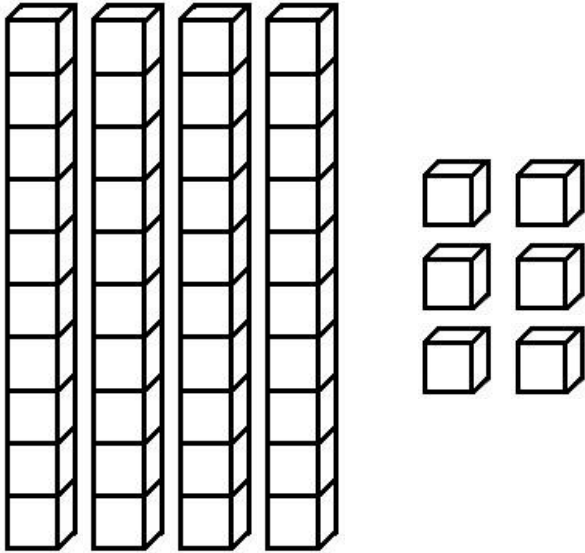
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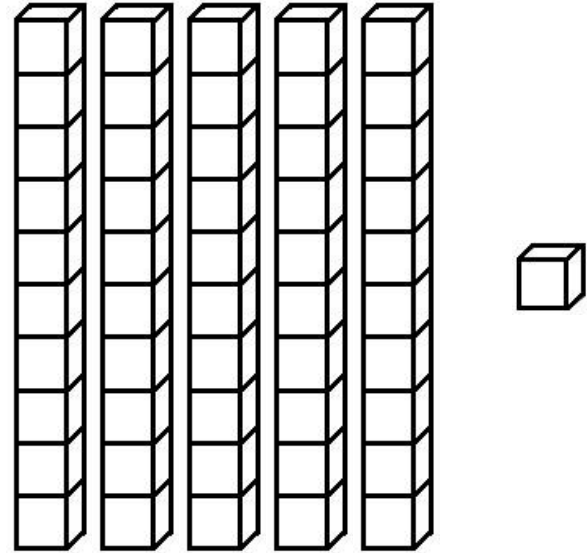
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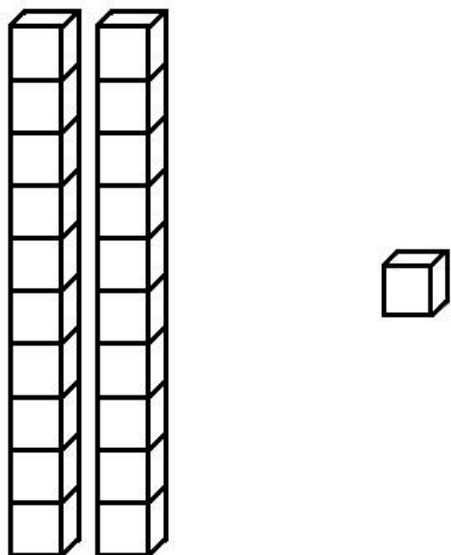
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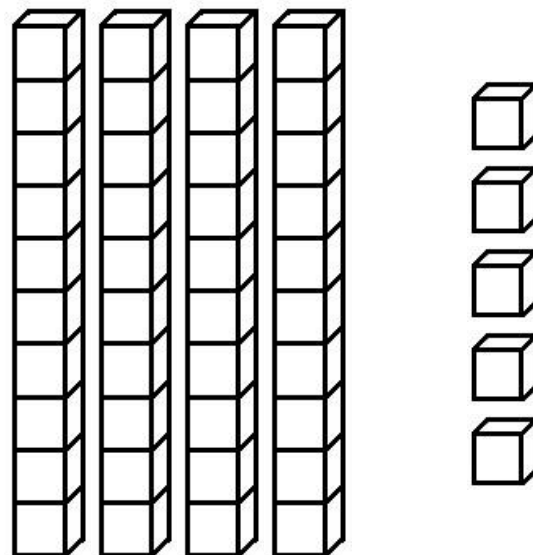
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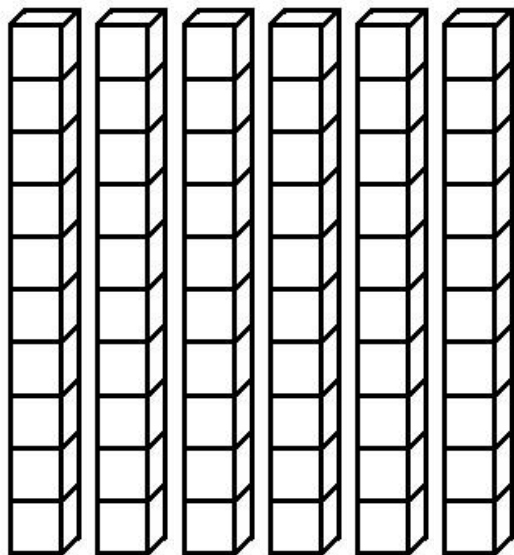
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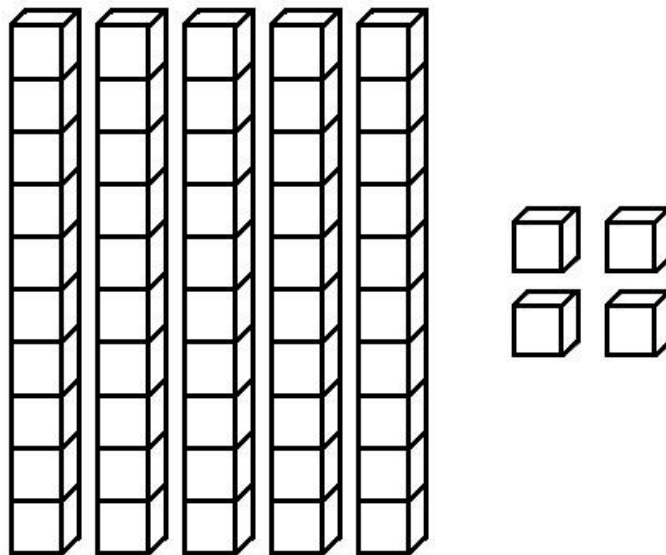
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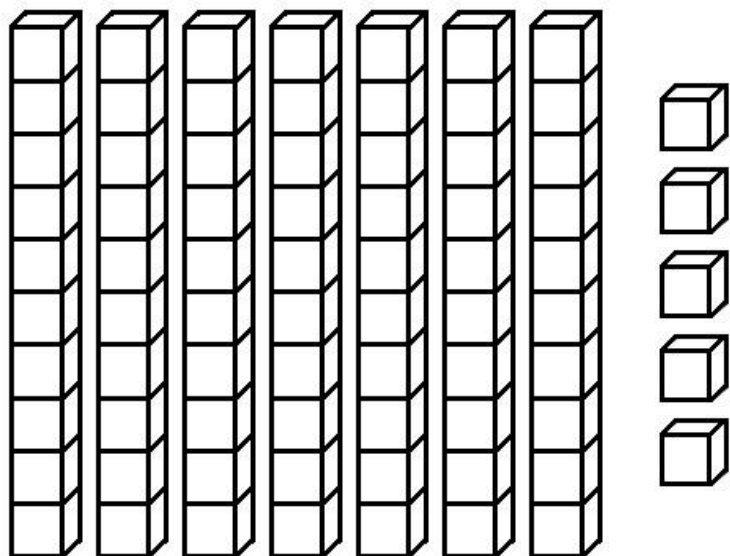
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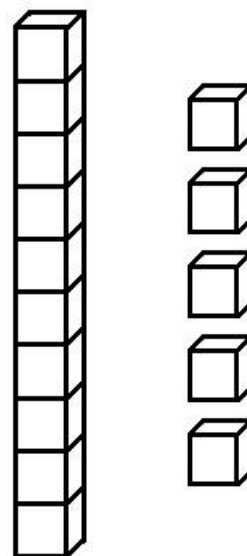
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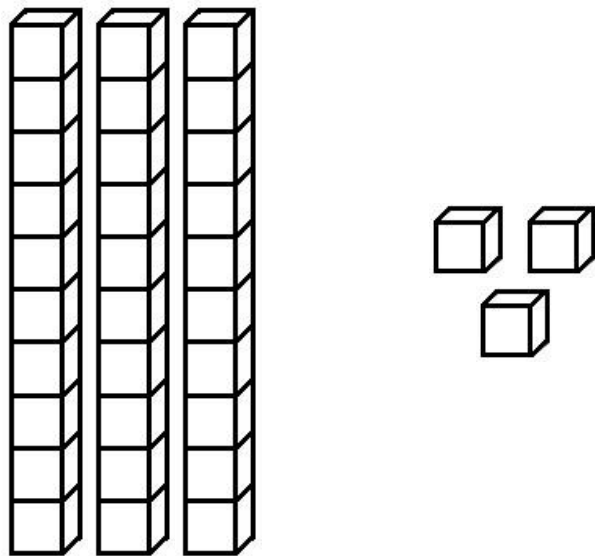
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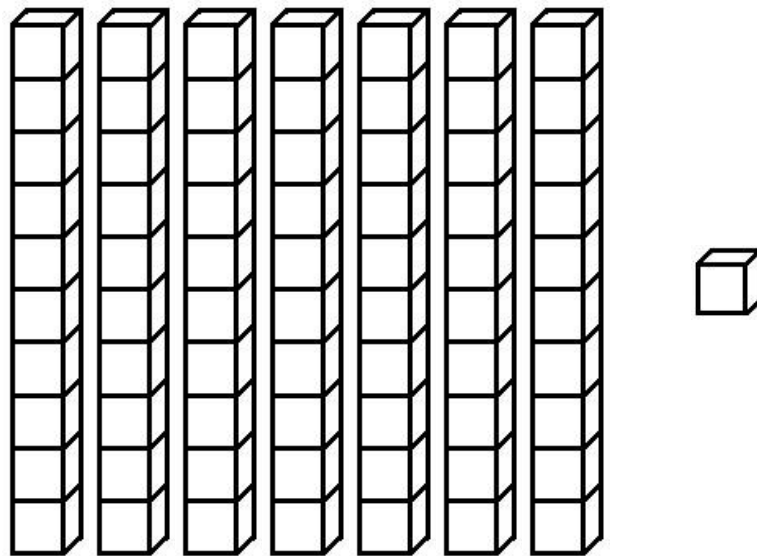
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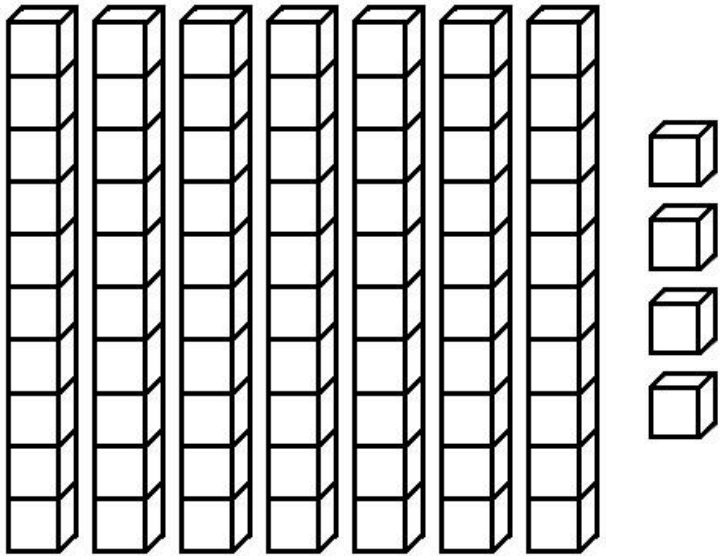
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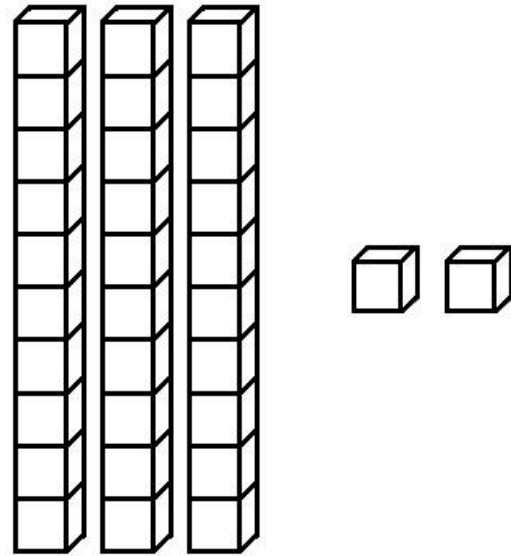
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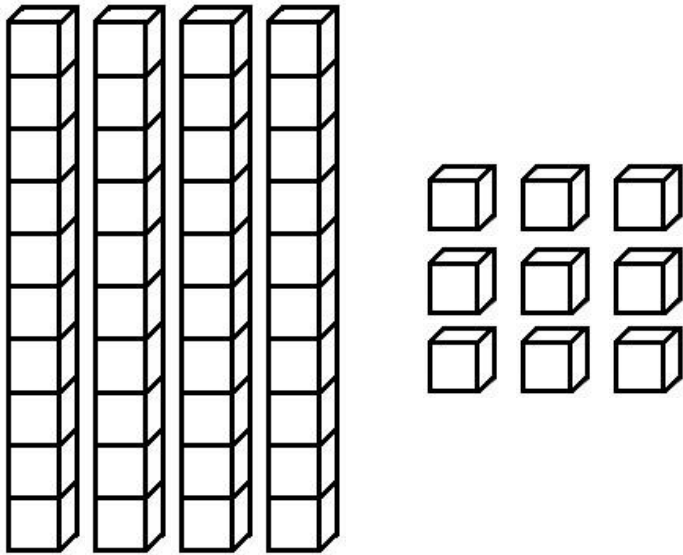
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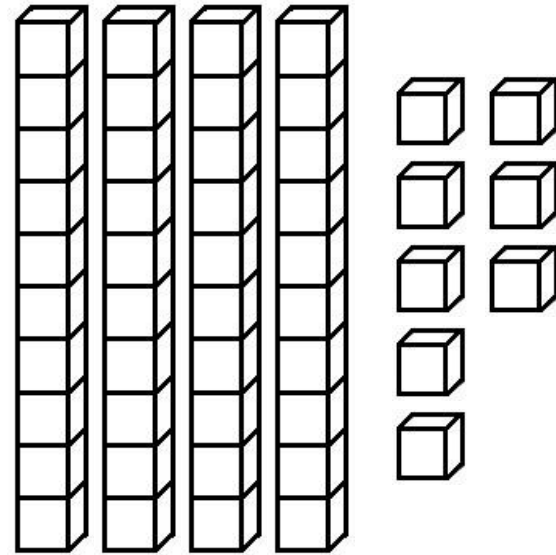
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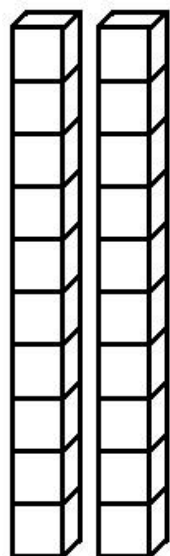
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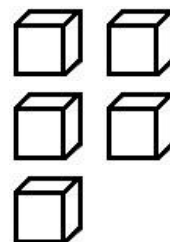
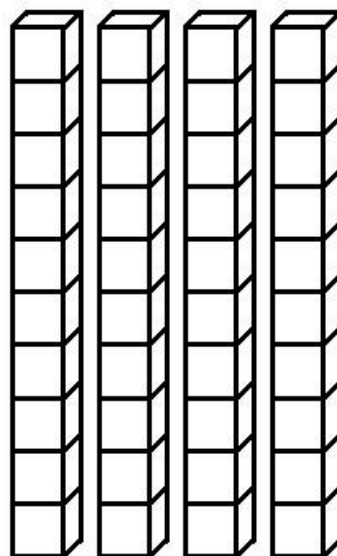
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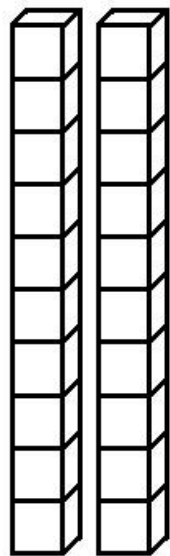
Q.



R.



S.



T.



Name: _____



Place Value Boot Camp

Letters	Tens	Ones	Letters	Tens	Ones
A			K		
B			L		
C			M		
D			N		
E			O		
F			P		
G			Q		
H			R		
I			S		
J			T		

Name: **Key** _____



Place Value Boot Camp

Letters	Tens	Ones	Letters	Tens	Ones
A	4	3	K	3	3
B	1	7	L	7	1
C	4	6	M	7	4
D	5	1	N	3	2
E	2	1	O	4	9
F	4	5	P	4	8
G	6	0	Q	2	3
H	5	4	R	4	5
I	7	5	S	2	7
J	1	5	T	1	2