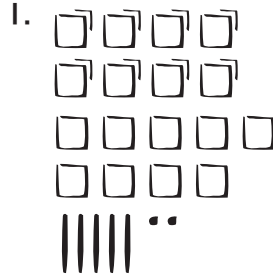


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Questions 1–8 (SAB pp. 197–199)



2. Answers will vary. Three possible responses:

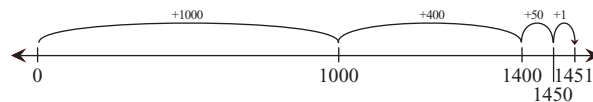
Super Bit (Pack) Thousands 1000s	Flat Hundreds 100s	Skinny Tens 10s	Bit Ones 1s	Number Sentence
	89	5	2	$8900 + 50 + 2 = 8952$
8	9	5	2	$8000 + 900 + 50 + 2 = 8952$
8	8	15	2	$8000 + 800 + 150 + 2 = 8952$

3.* Answers will vary. Possible responses:

Super Bit (Pack) Thousands 1000s	Flat Hundreds 100s	Skinny Tens 10s	Bit Ones 1s	Number Sentence
230	0	52	5	$230,000 + 0 + 520 + 5 = 230,525$
230	5	5	5	$230,000 + 500 + 20 + 5 = 230,525$
230	5	50	25	$230,000 + 500 + 25 = 230,525$

4. Jackie's number is larger. Possible response: her number has 230 packs and Roberto's has only 8.

5. A. Possible solution:



B. one +1000 hop

C. Answer will vary. One possible number sentence is: $1000 + 400 + 50 + 1 = 1451$

Name _____ Date _____

Big Numbers

1. Roberto found that 8952 people lived in his town. Roberto started to show the number he found using base-ten shorthand. Finish what Roberto started.



2. Roberto showed 8952 on the Base-Ten Pieces Recording Sheet. Record three other ways to partition 8952 on the Base-Ten Pieces Recording Sheet.

Base-Ten Pieces Recording Sheet

Thousands	Hundreds	Tens	Ones	Number Sentence
	89	5	2	$8900 + 50 + 2 = 8952$

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Name _____ Date _____

3. Jackie read that 230,525 people lived in her town. She decided to show her number on the Base-Ten Pieces Recording Sheet. Record two other ways to partition Jackie's number on the Base-Ten Pieces Recording Sheet.

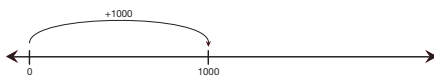


Base-Ten Pieces Recording Sheet

Thousands	Hundreds	Tens	Ones	Number Sentence
230	0	52	5	$230,000 + 0 + 520 + 5 = 230,525$

4. Whose number is larger, Jackie's or Roberto's? How do you know?

5. A. Ming read that the Willis (formerly Sears) Tower in Chicago is 1451 feet tall. Help Ming finish showing this number on the number line.



B. How many +1000 hops did Ming make to show 1451? _____

C. Write a number sentence to show Ming's hops including the ones you finished for him.

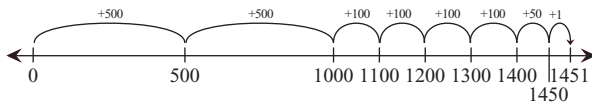
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*Answers and/or discussion are included in the lesson.

D. Possible response:



$$500 + 500 + 100 + 100 + 100 + 100 + 50 + 1 = 1451$$

6. 29 +1000 hops

7. Answers will vary. Three possible responses:

Super Bit (Pack) Thousands 1000s	Flat Hundreds 100s	Skinny Tens 10s	Bit Ones 1s	Number Sentence
29	0	0	35	$29,000 + 35 = 29,035$
	290	0	35	$290 \times 100 + 35 = 29,035$
29	0	3	5	$29,000 + 30 + 5 = 29,035$

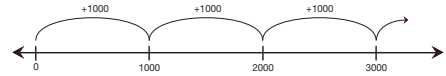
8. Possible response: Linda's number is larger. Her number has 29 packs in the thousands place of the Base-Ten Pieces Recording Sheet and Ming's has only 1 pack in the thousands place.

Name _____ Date _____

D. Show 1451 another way using a base-ten hopper. Write a number sentence to show the hops.



6. Linda read that Mount Everest is 29,035 feet above sea level. Linda started to show her number using big base-ten hops. She started by making +1000 hops and stopped.



How many +1000 hops would Linda have to make for 29,035? _____

7. Linda decided a better way to show 29,035 would be on a Base-Ten Pieces Recording Sheet. Record two different ways to partition Linda's number.

Base-Ten Pieces Recording Sheet

Thousands	Hundreds	Tens	Ones	Number Sentence
29	0	0	35	$29,000 + 35 = 29,035$

8. Whose number is larger, Linda's or Ming's? How do you know?

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