


Name _____ Date _____

More Base-Ten Shorthand


✓ Check-In: Questions 1-2

1. Joe showed several ways of writing 32 Chocos by using base-ten shorthand. Some of Joe's work was smudged. Write what is missing in the smudged gray area. You may use base-ten pieces to help find the answers. Use base-ten shorthand to sketch your answer. The first one is an example.

Ex. Write what is missing in the gray area to show 32 with base-ten shorthand. Write a number sentence to match the pieces.




Here is what Joe thinks. "There are 12 bits showing. That means 20 is missing, because $32 - 12 = 20$. I write 20 using base-ten shorthand in the gray area. Now it shows 32." Here is what Joe writes.




$20 + 12 = 32$

A. Here is another way to show 32. Fill in the gray area and write a number sentence to match the pieces.



B. Here is a third way to show 32. Fill in the gray area and write a number sentence to match the pieces.



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2. Rhonda made 267 pieces of candy. Her work got smudged also. For each problem:

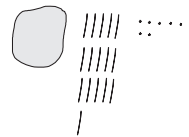
- Write the missing information in the gray areas using base-ten shorthand and the Base-Ten Recording Sheet.
- Write a number sentence to match the pieces.

A. Here is one way to make 267.



1000s	100s	10s	1s
	2		7

B. Here is another way to show 267.



1000s	100s	10s	1s
		16	7

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Student Activity Book

More Base-Ten Shorthand

Check-In: Questions 1–2 (SAB pp. 91–93)

1. A.  $30 + 2 = 32$

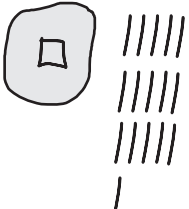
B.  $10 + 22 = 32$

2. A.  $200 + 50 + 17 = 267$

Base-Ten Recording Sheet

1000s	100s	10s	1s
	2		17

$200 + 50 + 17 = 267$

B.  $100 + 160 + 7 = 267$

Base-Ten Recording Sheet





1000s	100s	10s	1s
		16	7

$100 + 160 + 7 = 267$

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Recording Sheet

 1000s	 100s	 10s	 1s
	2	6	7

$$200 + 60 + 7 = 267$$







Recording Sheet

 1000s	 100s	 10s	 1s
	2	4	27

$$200 + 40 + 27 = 267$$



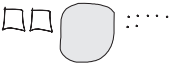
Recording Sheet





 1000s	 100s	 10s	 1s
3	2	10	3

$$3000 + 200 + 100 + 3 = 3303$$

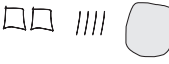
Name _____ Date _____





C. Here is a third way to show 267.




 1000s	 100s	 10s	 1s
	2	6	7





D. Here is yet another way to show 267.



 1000s	 100s	 10s	 1s
	2	4	27

E. Here is a way to show 3303.



 1000s	 100s	 10s	 1s
3	2	10	3

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