Name _____
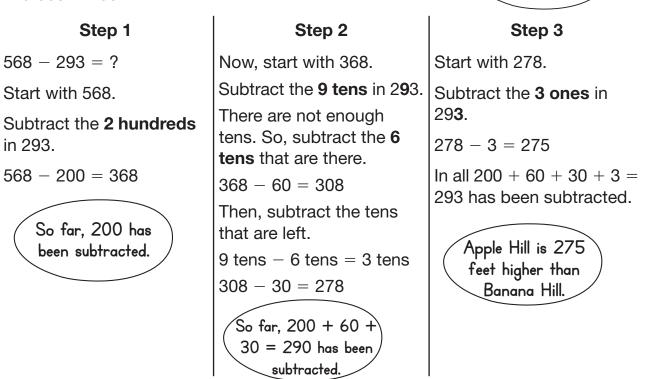
Subtracting with an Expanded Algorithm

Apple Hill is 568 feet high. Banana Hill is 293 feet high. How many feet higher is Apple Hill than Banana Hill?

Find 568 − 293.

"I need to find 568 − 293."

Step 1	**Step 2**	**Step 3**
568 − 293 = ?	Now, start with 368.	Start with 278.
Start with 568.	Subtract the **9 tens** in 2**9**3.	Subtract the **3 ones** in 29**3**.
Subtract the **2 hundreds** in 293.	There are not enough tens. So, subtract the **6 tens** that are there.	278 − 3 = 275
568 − 200 = 368	368 − 60 = 308	In all 200 + 60 + 30 + 3 = 293 has been subtracted.
So far, 200 has been subtracted.	Then, subtract the tens that are left.	*Apple Hill is 275 feet higher than Banana Hill.*
	9 tens − 6 tens = 3 tens	
	308 − 30 = 278	
	So far, 200 + 60 + 30 = 290 has been subtracted.	

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1. Follow these steps to find 576 − 471.
First subtract 400.
Then, subtract 70.
Then, subtract 1.

_____

2. Follow these steps to find 365 − 138.
First subtract 100.
Then, subtract 30.
Then, subtract 5.
Then, subtract 3.

_____

3. Find 756 − 602.

_____

4. Find 848 − 276.

_____

5. Find 641 − 139.

_____

6. Sue's story is 367 words long. Rob's story is 296 words long. How many more words does Sue's story have than Rob's?

_____

7. Reason Find 496 − 217. Were there enough ones to subtract? How did you know?

_____

R 3·6