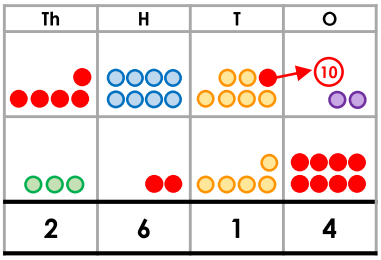
Reasoning and Problem Solving
Subtract Two 4-Digit Numbers 2

Developing

1a.



	Th	H	T	O
	2	6	1	4

2a. Various answers, for example: 7,635 – 6,217 = 1,418; 4,763 – 1,481 = 3,282; 5,562 – 3,941 = 1,621 etc.

3a. Leon is incorrect. They need to exchange one of the hundreds for ten tens.

Expected

4a.

	9	$^{4}\not{5}$	$^{1}3$	6
–	3	2	7	0
	6	2	6	6

5a. Various answers, for example: 7,654 – 2,345 = 5,309; 6,523 – 3,602 = 2,921; 8,349 – 5,721 = 2,628 etc.

6a. Zainab is incorrect. They need to exchange one of the hundreds for ten tens.

Greater Depth

7a. A. 7,540 – 2,418 = 5,122
B. 3,850 – 2,930 = 920

8a. Various answers, for example: 4,053 – 3,025 = 1,028; 5,234 – 2,503 = 2,731; 2,543 – 2,450 = 93 etc.

9a. Jason is incorrect. They need to exchange one of the thousands for 10 hundreds.

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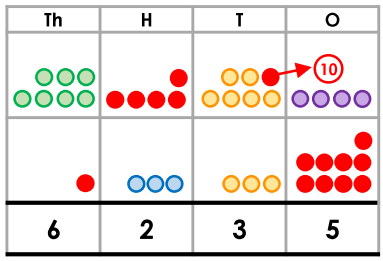
Developing

1b.



	Th	H	T	O
	6	2	3	5

2b. Various answers, for example: 3,286 – 2,169 = 1,117; 8,934 – 5,672 = 3,262; 9,478 – 7,534 = 1,944 etc.

3b. Sara is incorrect. They need to exchange one of the tens for ten ones.

Expected

4b.

	7	$^{4}\not{5}$	$^{1}4$	2
–	2	2	7	1
	5	2	7	1

5b. Various answers, for example; 4,836 – 2,654 = 2,182; 8,565 – 3,742 = 4,823; 6,574 – 2,853 = 3,721 etc.

6b. Adam is incorrect. They need to exchange one of the thousands for ten hundreds.

Greater Depth

7b. A. 7,387 – 6,950 = 437
B. 5,074 – 1,039 = 4,035

8b. Various answers, for example: 9,734 – 2,608 = 7,126; 8,490 – 3,287 = 5,203; 9,873 – 9,806 = 67 etc.

9b. Mandy is incorrect. They need to exchange one of the hundreds for ten tens.