Multi-Step Problems

1. Match the calculation to the correct answer.

	3	0	8	4
+	2	0	4	6

A. 1,000 1,000 1,000 1,000 1,000 10 1 1 1

B. Five thousand, one hundred and thirty

C. 5,103

VF

2. Complete the calculation below.

	3	4	8	5
–	1	6	2	7

VF

3. Complete the calculation so that the missing digit leads to an exchange.

	Th	H	T	O
	●● ●●	●●● ●●●	●● ●●	●●● ●●●
+	●● ●●	☐	●●● ●●	● ●

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4. Aliyah rolls a six-sided dice to generate numbers for her calculation. She says, "No matter what numbers I roll, I will not have to carry out any exchanges in my calculation.

	3	5	6	0
+	4	☐	3	☐

Is she correct? Explain why.

R

5. Frank is given the calculation below. He says,

We need to exchange one of the hundreds for ten tens.

	5	4	1	8
–	1	7	0	2

Is he correct? Explain your answer.

R

6. Using the digit cards below, complete the calculation.

3 6 5 4

	8	☐	☐	5
–	☐	☐	8	8
	3	0	7	7

PS

Multi-Step Problems

1. B
2. 3,485 – 1,627 = 1,858
3. Any digit between 4 and 9.
4. Aliyah is not correct. In the hundreds column, if she rolls a 5 or a 6, she will have to make an exchange. However, she can roll any number in the ones column and not have to make an exchange.
5. Frank is incorrect. He needs to exchange one of the thousands for ten hundreds, not one of the hundreds for ten tens.
6. 8,465 – 5,388 = 3,077