

Lesson 8

1) James has used column subtraction to solve this calculation.

	4	9	³ 4	¹ 1
-		8	9	8
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	4	6	6	3

Is he correct? Explain how you know.

2) Luke has used column subtraction to solve this calculation.

	8	0	⁴ 5	¹ 4
-		9	8	3
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	7	1	6	9

Is he correct? Explain how you know.

3) Lauren has these calculations.

A.					B.				
	6	0	6	1		4	5	9	0
-		7	3	4	-	2	6	1	3
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She thinks two exchanges have taken place in each calculation. Is she correct? Prove it.

4) Georgia has these calculations.

A.					B.				
	4	2	0	7		7	0	5	9
-		6	6	4	-	5	4	6	2
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She thinks one exchange has taken place in each calculation. Is she correct? Prove it.

5) Help Lola complete the calculation.

"The largest number must have a zero in the hundreds column and there must be 2 exchanges."

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	1	1	8	2

Find two possible ways.

6) Help Zak complete the calculation.

"The largest number must have a zero in the tens column and there must be two exchanges."

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	3	5	6	2

Find two possible ways.

Challenge:

Help Hollie complete the calculation.

“The largest number must have a zero in the hundreds and ones column and there must be three exchanges.”

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	3	0	3	6

Find two possible ways.