Counting in powers of 10 – watch this clip first

https://www.youtube.com/watch?v=EdLdszAduwE

1. Starting at 1,334 (shaded grey) count forwards in 100s, following the numbers on the grid, to reach 2,134.

1,435	4,356	1,567	5,432	8,345
7,345	2,456	2,531	4,432	1,536
1,334	1,345	3,521	3,621	1,543
1,434	1,743	2,734	2,834	2,564
1,534	1,634	1,734	1,834	2,134
4,623	1,643	1,844	1,934	2,034

2.

Make yourself a set of cards like this

+10	+100	+ 1,000
-10	-100	

Pick one number from each row of the place value chart above

e.g.2000, 300, 30 + 5 = 2,335

Then pick a card

Write the next 3 numbers in the sequence

e.g If I picked +100, my numbers would be

2,335, 2,435, 2,535, 2,625

Complete 3 sequences

3a. Put the numbers in ascending order so they have increased by 100 each time.

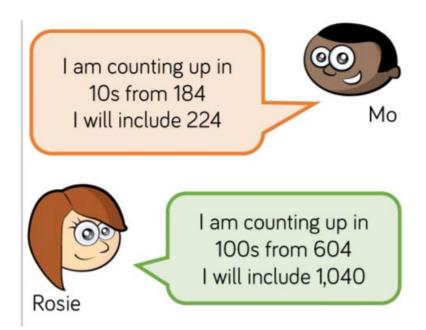| 6,808	7,108
7,008	6,908

3b. Put the numbers in descending order so they have decreased by 10 each time.

256,000	255,990
256,020	256,010

4. Identify anyone that has made a mistake.

I am counting up in 10s from 184
I will include 224

Mo

I am counting up in 100s from 604
I will include 1,040

Rosie

ANSWERS – green

1a.

1,435	4,356	1,567	5,432	8,345
7,345	2,456	2,531	4,432	1,536
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1,434	1,743	2,734	2,834	2,564
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2. Various answers

3a. 6,808; 6,908; 7,008; 7,108

3b. 256,020; 256,010; 256,000; 259,990

4. Mo is correct.

Rosie has made a mistake. She is counting in100's, therefore the ones column should never change.