

Multiply 4 Digits by 1 Digit

1.

	3	5
x		9
3	1	5
	4	

2. 1A; 2E

3.

H	T	O
● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●
● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●
● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●
● ● ● ●	● ● ● ● ● ●	● ● ● ● ● ●

	4	6	7
x			4
1	8	6	8
	2	2	

4. Both Annie and Rory are incorrect. They have cycled the same total distance because both $45 \times 8 = 360$ and $72 \times 5 = 360$. Their reasoning is incorrect as Rory is comparing the number of weeks cycled but not the distance each week, and Annie is comparing the distance cycled but not how many weeks this was for.

5. In the first calculation, 8×4 has been written as 24 and not 32. The correct product is 2,272. In the second calculation, the exchange of 50 tens for 5 hundreds has not been added making the answer is 500 less than it should be. The correct product is 2,376. This means that the incorrect inequality symbol has also been used. The corrections are shown below:

	5	6	8
x			4
2	2	7	2
	2	3	

<

	3	9	6
x			6
2	3	7	6
	5	3	

6.

	1	4	3
x			6
	8	5	8
	2	1	