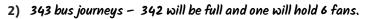
Answers

1)								
-)	Course	Total Race Length (metres)	Number of Laps	Lap Length (metres)				
	Goldrock	9375	5	1875				
	Badcopse	7612	11	692				
	Capse	8743	7	1249				
	Toby's Tor	9711	13	747				



- 3) 36 race weekends with 8 tyres left over.
- Accept an explanation that shows that Fernando has incorrectly divided 21 (hundreds) by 11 to equal 2 with one remainder. He then exchanged a remainder of 1 (hundreds) into 10 (tens) and regrouped this in the tens column. The correct answer should be 196.



2) Accept any correct explanation that shows that Daniel is incorrect. For example, 3000 ÷ 14 = 214 r4. As there is a remainder of 4, this means that he has completed 214 full laps and he will be four minutes (out of 14) into his next lap at the end of the 50 hours. Daniel has incorrectly rounded his answer up to the next whole number. His answer should be 214 as he did not complete the 215th lap.

1) Prediction reasoning might include spotting multiples of S	5 or 10, or identifying odd and even numbers.
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1440 ÷ 11 = 130r10	1606 ÷ 11 = 146	3000 ÷ 11 = 272r7	4200 ÷ 11 = 381r8	7925 ÷ 11 = 720r5
1440 ÷ 12 = 120	1606 ÷ 12 = 133r10	3000 ÷ 12 = 250	4200 ÷ 12 = 350	7925 ÷ 12 = 660r5
1440 ÷ 15 = 96	1606 ÷ 15 = 107r1	3000 ÷ 15 = 200	4200 ÷ 15 = 280	7925 ÷ 15 = 528r5
1440 ÷ 20 = 72	1606 ÷ 20 = 80r6	3000 ÷ 20 = 150	4200 ÷ 20 = 210	7925 ÷ 20 = 396r4
1440 ÷ 25 = 57r15	1606 ÷ 25 = 64r6	3000 ÷ 25 = 120	4200 ÷ 25 = 168	7925 ÷ 25 = 317

2)	=	846 seconds
	=	282 seconds
626	=	47 seconds

