TT maths this week with a range of activities to complete. Make sure you show your workings out!

If you want to stretch your brain and try the Extra Spicy challenges that is great but remember you can still do the Hot and Spicy challenges as well!

Hot :
The TT course is about 37miles long.
The sidecar qualifying is 2 laps can you figure out how many miles that is in total?

You get to the fair at 2:30pm. You stay for 1 hour what time do you leave?

The fair opens at 1pm and closes at 9pm. How long is it open for?

Spicy:
The TT course is about 37.5miles.
The sidecar race is 3 laps. How many miles is that in total?

You get to the fair at 2:45pm and stay for 1hour and 15mins. What time do you leave?

Extra Spicy:
The TT course is 37.73 miles.
The sidecar race is 3 laps. How many miles is that in total?

The Senior race is 6 laps. How many miles is it in total?

You get to the fair at 2:25pm.
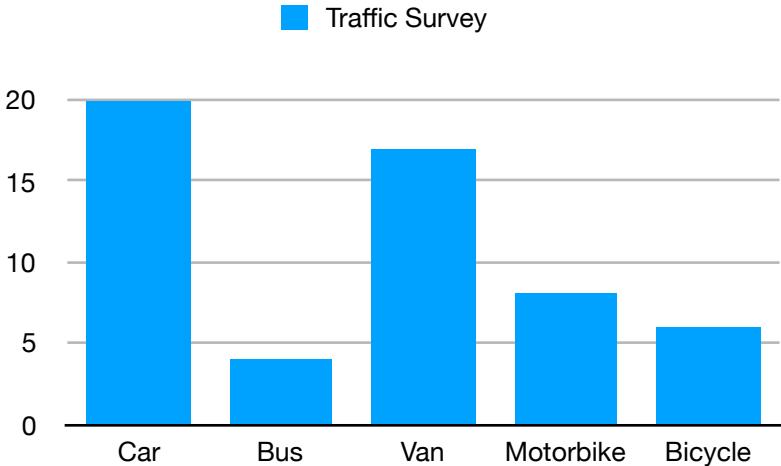Work out how long you have been there if you left at 6:20pm or 4:36pm.

If you are there for 30mins do you know how many seconds that is?
Use scrap paper to help!

Complete a traffic survey. This can be done by looking out your window.
You may choose to do this on more than one day at the same time to compare.
Make sure you write down how long you watched for! e.g. 15minutes

Before you complete predict which you think you will see the most of and which you will see the least of. Remember it doesn't matter if you're wrong!

After create a bar chart showing your results.

Traffic survey	Date: Time/duration:	
Vehicle	**Tally**	**Total**
Car		
Bus		
Van		
Motorbike		
Bicycle		

Traffic Survey

Don't forget to have your scale go up evenly.
This one is going up in 5's.
The numbers represent the number of vehicles you have seen.

There were 4 buses so it is slightly below the first line.

CURRENT ISLE OF MAN TT LAP RECORDS

Category	Rider	Machine	Year	Time	Average Speed
Outright	Peter Hickman	BMW S 1000 RR	2018	16:42.778	135.452mph / 217.989km/h
TT Superbike	Dean Harrison	Kawasaki ZX 10R	2018	16:50.384	134.432mph / 216.347km/h
Supersport	Michael Dunlop	Honda CBR 600 RR	2018	17:31.328	129.197mph / 207.922km/h
Lightweight TT	Michael Dunlop	Paton 650	2018	18:26.543	122.750mph / 197.546km/h
TT Zero	Michael Rutter	Team Mugen	2018	18:34.956	121.824mph / 196.056km/h
Superstock TT	Peter Hickman	BMW S 1000 RR	2018	16:50.501	134.403mph / 216.300km/h
Sidecar TT	Ben & Tom Birchall	Honda CBR	2018	18:59.018	119.250mph / 191.914km/h
Fastest Newcomer	Peter Hickman	BMW S 1000 RR	2014	17:32.078	129.104mph / 207.772km/h
Female	Jenny Tinmouth	Honda CBR 1000 RR	2010	18:52.42	119.945mph / 193.032km/h

Grandstand Grub!
Veggie Burger - £5.00
Burger- £5.00
Cheeseburger - £ 6.00
Chips- £3.00
Chips & Gravy £4.00
Chips & Cheese £5.00
Water £1.00
Juice 50p
Ice Cream £2.50

Hot:
You buy a burger and chips. How much does it cost?

You have £10 to spend what could you buy?

Spicy:
You buy 2 cheeseburgers, 1 portion of chips and cheese and a bottle of water. How much would it cost?

You have spent exactly £9. What could you have bought?

Extra Spicy: You have £20 to buy food for you and your friends.
What could you buy leaving exact change of £2?

You buy 4 items costing £ 11 in total.
What could have you bought, find as many different combinations as you can.

Challenge
Design your own food truck menu.
Are you going to sell sweet or savory? Or both?!
Come up with your own prices as well.
Remember to use £ and p correctly.

Hot:
Who holds the record for the Supersport?
How many years has Jenny Tinmouth held her record for?

Spicy:
Who holds the most records and what are they for?
How many years has Peter Hickman held his record for?

Extra Spicy:
What is the difference between the quickest average speed and the slowest average speed.

John McGuinness

Number of wins:	14
Number of podiums:	28
Number of TT races:	50
Number of replicas:	38
Fastest TT Lap:	130.354mph
TT Experience:	9

Create your own TT Top trump cards. See the set below that is available free on the website. You can copy and do your own drawings!

Have fun enjoying playing with your family. :)

https://www.iomtt.com//~/media/Files/2009/Misc/