



A study of 98000 people was conducted to find out the most popular ride at Adventure Theme Park. The study found that 15% liked the rollercoaster and the rest liked the runaway train.

How many people liked the runaway train the most?

94661 people visited the dodgems in 2017, 3456 more people visited in 2018 than 2017 and 102,456 visited in 2019.

How many people visited altogether in the last three years?

8487 people are at Adventure Theme Park.
2473 people arrived by coach; the rest arrived by car.

How many people arrived by car?

A family are travelling 978 miles to the theme park.
In the first hour, they travelled 284 miles,
for the second hour they travelled 10%
more than the first hour, for the third
hour they travelled 6% more than the
second hour.

How much further do they have to travel?

The log flume holds 5736.35 litres of water.
Unfortunately, the ride had to close due to a leak.
So far, it has leaked 1384.27 litres of water.

How many ml of water remain in the ride container?

Visitor Numbers to the 'Tree Tops':

Day	Number of visitors
Mon	1480
Tues	17% more than Monday
Wed	21% more than Monday

What was the total amount of visitors to the 'Tree Tops'?



The rollercoaster track is 154800cm metres long. It takes 238 metres to get to the first loop.

How much of the track is left after the first loop? Give your answer in mm and km.

Unfortunately, I have chosen the worst day to visit Adventure Theme Park. So far, I have waited 4260 seconds to go on the daredevil rollercoaster, 3720 seconds to go on the rapids and 1980 seconds to go onto the runaway train.

How many **minutes** have I waited in total?

Wendy decided to go on the terrifying 'Tree Tops' ride. She closed her eyes 51 seconds into the ride time.

If the ride lasts 8 minutes and 16 seconds, how many seconds did she have her eyes closed for?

I visited the theme park's shop. I purchased a photograph of me on a ride priced £12.48, a t-shirt priced £17.45 and two bags of jellies priced £3.56.

If you spend over £30 in the shop you get 15% off. How much change did I get from a £50 note?

Arna and Mahir decide to have a race to the 'Terror Ship'. It takes Arna 735 seconds to reach the 'Terror Ship'. It takes Mahir 37% longer than Arna.

How many minutes and seconds did it take Mahir to reach the 'Terror Ship'?

Terror Ship Mug: £3.40

Terror Ship T-Shirt:
£11.60

Terror Ship Water Bottle: £4.84

If there were a 17.5% off sale, what would the new prices be?

