

Grand National is in the North West corner of the park. The trains on the Grand National have 3 carriages, each carriage holds 6 people, there are 2 trains in total.

1. What is the maximum number of people who can ride at the same time?
2. Assume the first ride starts at 11.00 and the last ride finished at 20.00. How many hours between starting and finishing?

Go South to the River Caves.

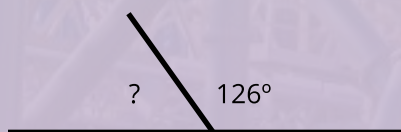
3. Assume there are 3000 litres of water in the River Caves. If Valhalla has $3\frac{1}{2}$ times as much water, how much water is in Valhalla?
4. There are 24 children in the class.
 - $\frac{1}{3}$ of the class go on the River Caves.
 - $\frac{1}{2}$ of the class that are left went on the Ghost Train.
 - How many have not gone on the River Caves or the Ghost Train?

From the River Caves, go to the Big Dipper - our oldest coaster, built in 1923.

5. How old is this ride?

The Big One in the South West corner of the park.. There are 420 steps to the top of The Big One.

6. If you climbed 25% of them. How many steps are left to climb?
7. Work out the second angle at the bottom of the leg on The Big One.



8. Assume a map of the park has a scale of 5cm to 100m. If it is 10cm from The Big One to the Big Dipper, and 25cm from the Big Dipper to Ice Blast, what is the total distance in metres?



Move across to the Gallopers (Carousel).

9. The school brought 193 pupils and 23 staff. The ride holds 72 people. How many times could the ride be filled?

10. The ride goes round 4 times a minute during each ride. And a ride lasts 2 minutes 30 seconds. How many times does it go round during 2 rides?

Move to ICON

11. ICON is the newest ride at Blackpool Pleasure Beach. The oldest ride on the park, Sir Hiram Maxim's Flying Machines, opened in 1904. How many years between the two rides opening ?

12. Anne walked 1200m around the park to get to ICON. She travelled 1143m on the ride, and 2850m on other rides. How many kilometres did she travel in total?

Go to Wallace & Gromit's Thrill-o-Matic

13. 8 trains can run simultaneously on the ride. Each train consists of 2 cars and each car holds 4 people. How many people can be on the ride at the same time?