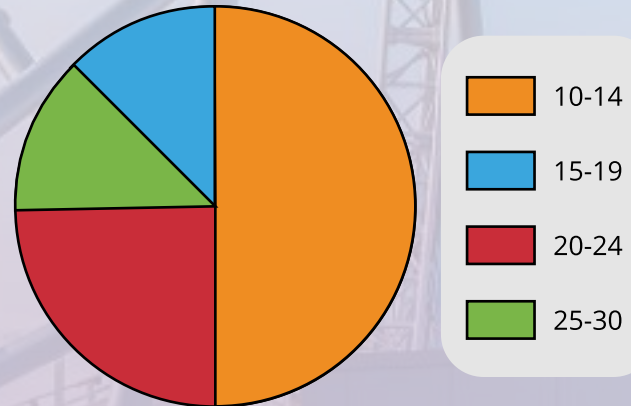


The Grand National is in the North West corner of the park. Start there.

1. During peak season, the ride is open for 10 hours. Express this as a decimal. E.g. 6 hours of a 24 hour day = 0.25
2. Assume the doors open at 10.15 and they close at 19.00. How many hours between finishing and starting?

Go along to the River Caves. The pie chart shows the ages of people who went on the ride in a 1 hour period. Assume the chart shows 120 people.

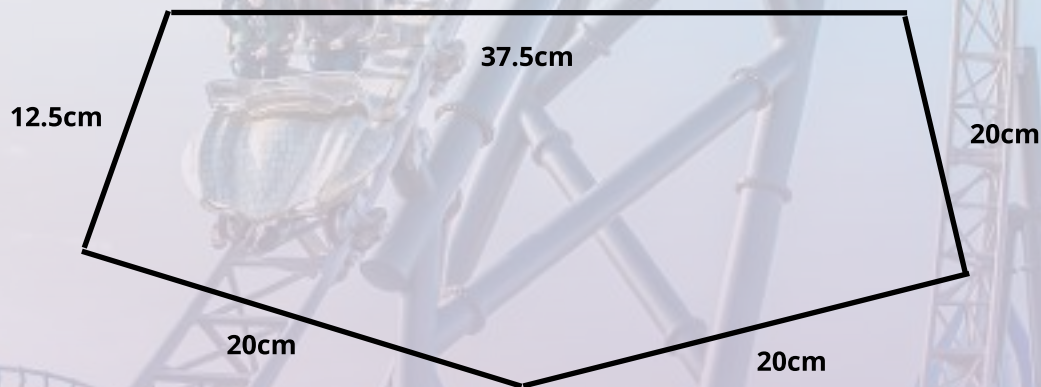
3. Which age group is the largest?
4. How many 20-24 year olds went on the ride?
5. What percentage were aged 25 and over?
6. What percentage were aged 19 and under?
7. How many 20-30 year olds went on the ride?



8. Assume the River Caves building is a rectangle, with a length of 15m and a width of 6m. What is the area?
9. If 6 hotdogs cost £10.50, what is the cost of 14 hotdogs?
10. If 9 hamburgers cost £20.25, what is the cost of 7 hamburgers?

11. Assume a map of the park has a scale of 5cm to 100m. If it is 22.5cm from the Big Dipper to The Big One, and 7.5cm from The Big One to the Big Pizza Kitchen, and 25cm from the Big Pizza Kitchen to Ice Blast, what is the total distance in metres?

12. Assume the park is approximately in the shape of a pentagon. Using the same scale, work out the perimeter of the park in centimetres.



13. Convert your answer into metres.

Go South to ICON

14. There are 3 trains, each carrying 16 people. If the ride is 50% full, how many people are there on the ride?

15. Assume the ride is 1200m long, and takes 2.5 minutes. How far will the ride have travelled in an hour, if it runs continuously? Write your answer in metres.

16. Assuming the ride is 1200m long, and the first launch section is $\frac{1}{20}$ of the total length, what distance, in metres, does the launch section cover?

Head North to Ice Blast

17. The ride is 65 metres high. Stephen travelled 70km on the school bus, then walked 900m round the park, and went on Ice Blast 3 times. What total distance did he cover, in metres?