

Rollercoasters

9 The rollercoaster has been a fashionable ride for many
17 years, with one of the first recorded rollercoasters
26 opening in Paris in 1817. Historically, it is believed
35 that the rollercoaster was inspired by sledging on the
43 icy Russian Mountains. The popularity of the coaster
53 did not spread initially. It wasn't until 1884 that the
60 first notable and highly admired rollercoaster was
70 opened in New York, USA, with a runaway train style
80 ride. The coaster ran on wooden tracks and was an
82 instant success.

91 Today, a rollercoaster track can either be a complete
98 circuit or a shuttle-track, allowing the cars —
106 individual or multiple — to run in both directions.
110 Modern rollercoasters are, of
114 course, much faster than
118 the original models and
121 safety standards have
123 notably increased
125 since then.



Quick Questions



1. When did the first well-known rollercoaster open? Where?



2. Find and copy two words which tell you that rollercoasters are well-liked.



3. How do rollercoasters of the past compare with the modern day?



4. Summarise the information about the original rollercoasters in 20 words or less.

Stage: 6

Challenge Words

List: 8

Name:



Spelling Shed

| Spellings | 1 st Attempt | 2 nd Attempt | 3 rd Attempt | 4 th Attempt | 5 th Attempt |
|------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| apparent | | | | | |
| committee | | | | | |
| curiosity | | | | | |
| guarantee | | | | | |
| lightning | | | | | |
| parliament | | | | | |
| recommend | | | | | |
| soldier | | | | | |
| vegetable | | | | | |
| especially | | | | | |

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Spellings

apparent

committee

curiosity

guarantee

lightning

parliament

recommend

soldier

vegetable

especially

Draw a line to match each spelling to its definition. Where there is no definition create your own.

A desire to know something.

Clearly visible or understood

Put forward with approval.

A group of people appointed for a specific role.

Ratio and Proportion

Write the correct answer:

1. Beef must be cooked for 30 minutes for every 1kg. How long would it take to cook:

2 kgs? _____

4 kgs? _____

6 kgs? _____

8 kgs? _____

2. To make 1 litre of jam, I use 100 strawberries.
How many strawberries do I need to make:

2 litres? _____ 3.5 litres? _____

3. I need to collect 30 stickers. Each bag of crisps contains 3 stickers.
How many bags will I need to buy?

4. The mother bear is fed 4 fish for every 2 fish that her cub is fed. How many fish would the cub get if the mother is fed:

10 fish? _____ 20 fish? _____

5. There are 10 boys for every 30 girls at the disco.
How many boys are there if there are:

60 girls? _____ 90 girls? _____

6. Sara shares out 36 sweets. She gives Alex 1 sweet for every 3 sweets she takes. How many sweets does Alex get?

7. Chicken must be cooked for 26 minutes per 1 kg. How long would you have to cook a 4kg chicken for?

8. In a bag of mixed nuts, there are 2 peanuts for every 3 cashew nuts. If there are 60 nuts in total, how many peanuts are there?

9. A mother sea lion is fed 8 fish for every 3 fish its baby gets. Marco fed the mother 16 fish. How many fish did the baby get?

The next day, Marco fed the baby 12 fish. How many did he feed to the mother?

10. Jane got 60p pocket money and saved 20p. David got £3 and saved £1. Who saved the greater proportion of pocket money?