Fairground Fun 2 – Answers

Timings:

a) Nisha will have to wait for 2 hours.
b) The fair is open for 13 hours on Saturday.
c) They have 1 hour and 15 minutes (or 75 minutes) until the fair closes.

Prices:

a) Seren could have gone on:
   The tea cups and swings or the big wheel and helter skelter.
b) Grace can go on the tea cup ride 8 times.
   Yes, Charlie could go on:
   The helter skelter and the tea cups (30p + 50p = 80p), the helter skelter and the dodgems
   (30p + 65p = 95p), the tea cups twice (50p + 50 p = £1) or the helter skelter twice (30p + 30p
   = 60p).

The Snack Bar:

Mum had coffee and chips.
Dad had juice and a burger.
Isla had tea and a burger.
Max had cola and chips.
They spent £18.90 altogether.

Ride Choices:

a) The most popular ride was the rollercoaster.
b) 88 people went on the swings (accept 87 or 89).
c) Ali is not correct. More than 50 people went on the dodgems and so double this would be
   more than 100. Fewer than 100 people went on the rollercoaster.
d) Questions will vary. Check that they make sense and can be answered using the bar chart.

Hook a Duck:

a) The numbers are all odd.
b) You can’t get a total of 26. (This question could be answered by trying out different totals or
   reasoning that the total of three odd numbers will never be an even number.)
c) The highest possible total is 39 (13 + 13 + 13).

Ice Cream:

There are 12 possible flavour combinations:

Chocolate Chocolate Chocolate
Chocolate Chocolate Mint
Chocolate Chocolate Vanilla
Chocolate Chocolate Strawberry
Strawberry Strawberry Strawberry
Strawberry Strawberry Chocolate
Strawberry Strawberry Vanilla
Strawberry Strawberry Mint
Mint Mint Mint
Mint Mint Chocolate
Mint Mint Vanilla
Mint Mint Strawberry
Vanilla Vanilla Vanilla
Vanilla Vanilla Chocolate
Vanilla Vanilla Mint
Vanilla Vanilla Strawberry