



Maths Trail

Key Stage 2

Welcome to Cadbury World!

Walk through the double doors and use all your senses to help you answer these questions as you walk around.

If you need help please ask one of the adults with you.



You'll find yourself in the rainforest area. Look for the pictures of cocoa beans showing what they were worth.

For 2 beans you can buy one pumpkin.

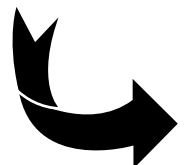
For 10 beans you can buy one rabbit.

For 100 beans you can buy one slave.

1. How many beans would you need if you wanted to buy 2 slaves, 4 rabbits and 3 pumpkins?

Show your working out here:

Answer:





2. Find the Calendar Stone. How many circles can you see on the stone?

Answer: _____

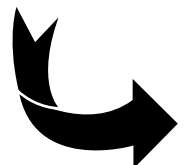
Walk through to the Chocolate in Europe area...



3. In what direction is America from England?

Answer: _____

Then head through to the cobbled street area with the shops in and find the plaque about Samuel Pepys.





3



4. How many years did Samuel Pepys live for?

Show your working out here:

Answer:

5. Look for White's Chocolate House.
In what year did it open?

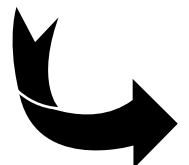
Answer:

6. Look at the sign for 'Bull Street'. If each letter in the sign costs 6p, how much would the sign cost altogether?

Show your working out here:

Answer:

Go through the green doors...





4



After watching the two theatre presentations go upstairs, then after having a go on the green screen, walk through the Cadbury Time Tunnel.

After you've walked through the time tunnel, go into the No. 3 Packaging Plant and look at the boxes of chocolate behind the glass screen.

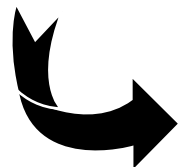
7. If there are 60 'Chomps' bars in one box, how many are there in 3 boxes?

Show your working out here:

Answer: <input style="width: 150px;" type="text"/>

8. Watch the video about chocolate making then continue. Count the number of stairs you have to walk up to reach the top.

Answer:





9. Look at the factory fact signs. If samples are taken every 20 minutes how many samples are taken in 24 hours?

Show your working out here:

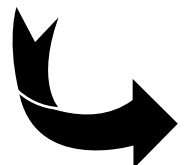
Answer:



After the Cadabra ride, walk back down the stairs in the chocolate making room...

10. What is the perfect temperature for making chocolate products?

Answer:





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Head to Advertising Avenue to answer the next questions.

11. The information says that rationing was introduced in 1940 and stopped in 1953, so how long did it exist for?

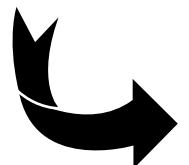
Show your working out here:

Answer:

12. For how many years did Cadbury sponsor Coronation Street?

Answer:

Go through to the Purple Planet area to find the answers to the next two questions.





Find the Chocolate Rain game and make sure each person has a go.

13. How many bounces can everyone in your team do? Record your answers in the table below.

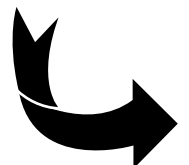
Name	Number of bounces

Find the room with lots of mirrors and look into it.

14. Estimate how many times you can see yourself in the mirrors.

Answer:

Go outside to the playground...





15. In the table below, draw and label four different shapes that you can see in the playground.

Name of shape	Name of shape
Name of shape	Name of shape

Well done!

Please hand your completed sheets to your teacher.

We hope you enjoyed your tour around Cadbury World.