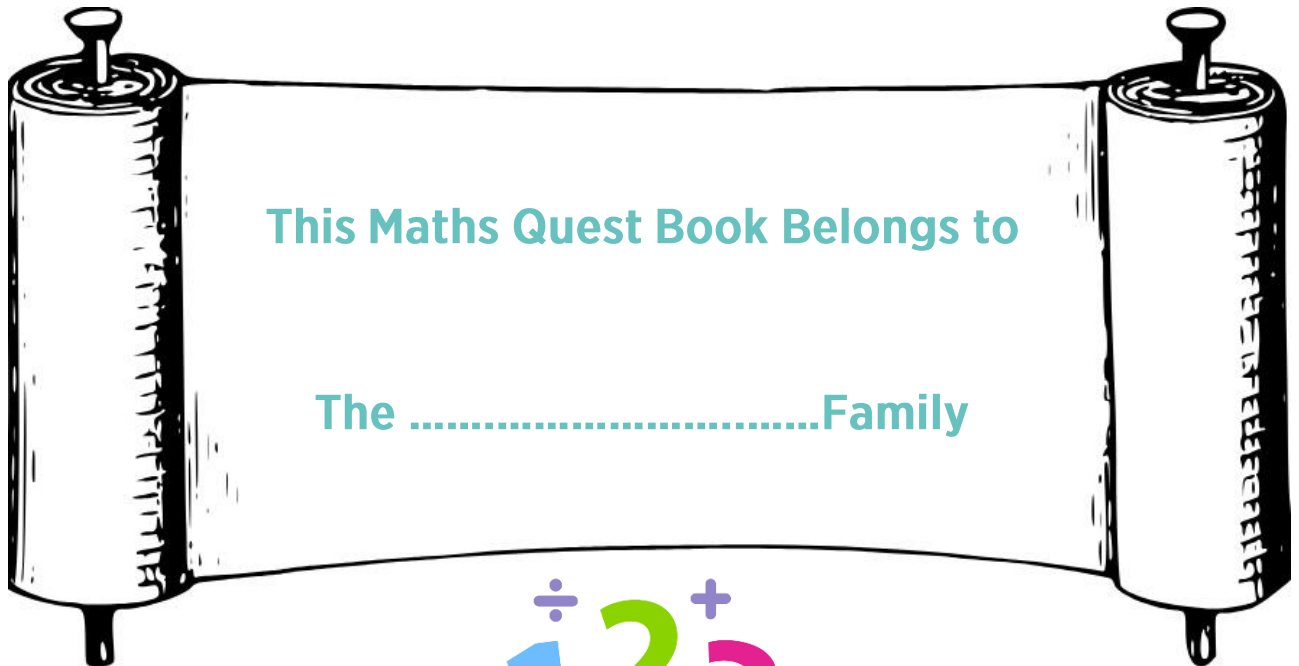


LEEDS CASTLE FAMILY MATHS QUEST



Welcome to Leeds Castle, we hope your family enjoy doing our Maths Quest.

There is a box for each answer and there is space on the back page for you to use for your calculations.

When you have completed the whole trail you will be left with one last question which is not numerical!

LEEDS CASTLE FAMILY MATHS QUEST

1. Go into the Barbican, which used to be the first entrance into the castle. Find the portcullis gate which could be lowered to keep out invaders. How many spikes are on the portcullis?

2. Walk across the bridge towards the castle. Just before you go through the doorway, look up and you will see some square holes. These are called machicolations. Soldiers would stand behind and throw stones, boiling water, hot oil and sand onto any invaders. How many machicolations are there?

3. Continue on the castle island and enter the Front Door. Turn right into the Librabry that has 300 books. But if you look to the top of the shelves you will see some globes. Some are of the Earth and some are of the stars; but how many globes are there in total?

4. In the Servants Quarters look at the paintings on the walls. These are all people in the Fairfax family, who owned Leeds Castle for over 100 years. How many Fairfax paintings are in this room?

5. In the Private Dining Room, look at the fireplace that King Henry VIII installed, but how many wives did Henry have?

6. Go up the spiral staircase, counting the steps as you go. How many steps were there?

7. The next rooms you will see are some of Lady Baillie's rooms. She was the last private owner of Leeds Castle. How many children did Lady Baillie have?

8. In the Yellow Drawing Room, how many pink vases are there?

9. How many yew trees were planted to create the maze?

10. Do not miss the falconry show! It's a wonderful display using different birds of prey. Using the 12 hour clock, at what time does the show start?

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Now for the hard bit! So find somewhere nice to sit and finish...Multiply Answers 1 & 2 then add Answer 3.

Write the number in this box which is now Answer A.....

Divide Answer 4 by Answer 5. Then add this number to Answer 6.

Write the number in this box which is now Answer B.....

Add Answers 7 and 8.

Write the number in this box which is now Answer C.....

Divide Answer 9 by Answer 10

Write the number in this box which is now Answer D.....

Now add together Answers A & B.....

Now subtract Answer C from the above answer.....

Last calculation now! Add the above answer to Answer D.....

AND THE FINAL ANSWER IS.....

That's it! Your final answer is the year the first Queen to live at the Castle bought it. What was her name?

Queen.....

LEEDS CASTLE FAMILY MATHS QUEST

NOTES AND CALCULATIONS

Answers:

1. 11 2. 4 3. 6 4. 12 5. 6 6. 11 7. 3 8. 4 9. 2 10. 14
A. 50 B. 2 C. 12 D. 7

Final Answer. 1278 Queen Eleanor of Castile)