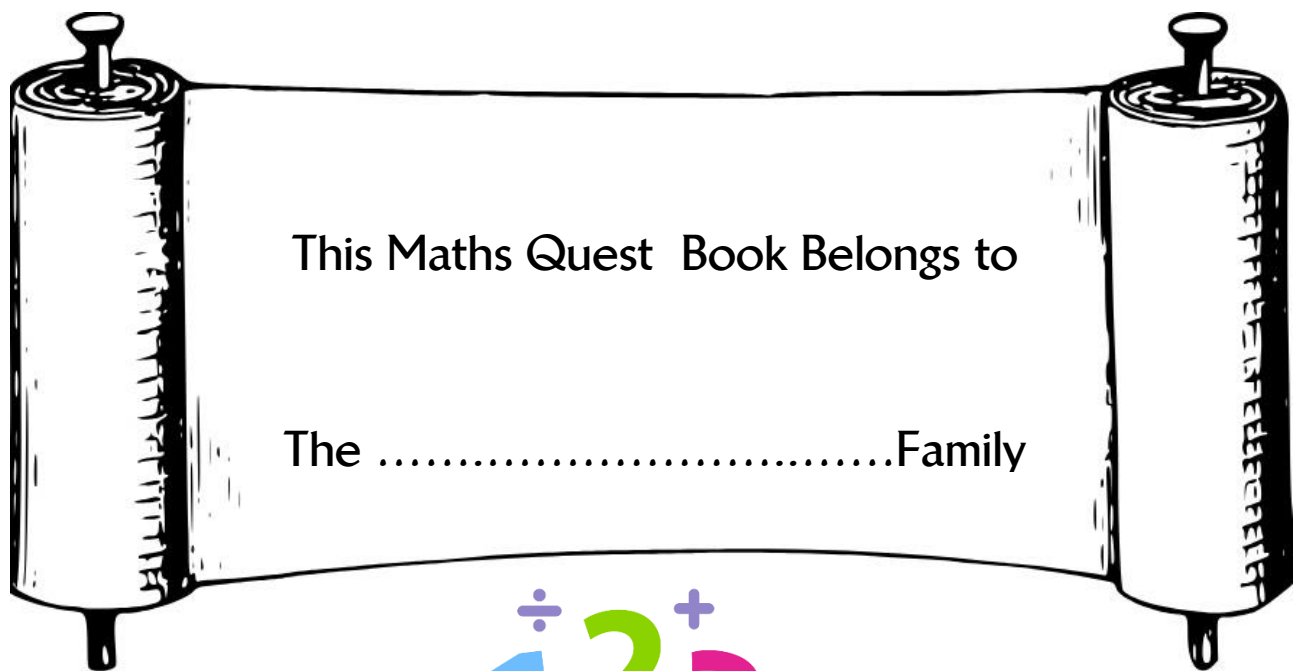


Leeds Castle Family Maths Quest



This Maths Quest Book Belongs to

TheFamily



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

There is a box for each answer and the back page is blank 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 until you reach the Norman cellar. How many wooden barrels are in here?

4. In the Heraldry Room 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 Queen's Gallery you will find the busts of King Henry VIII and his 3 children; but how many wives did Henry have?

6. Find the fireplace in Henry VIII Banqueting Hall. How many human faces are carved into the stone?

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 library there are 3,000 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?

9. How many yew trees were planted to make 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?

Now for the hard bit! So find somewhere nice to sit and finish...



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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 multiply this number by Answer 6.

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

Multiply Answer 7 by Answer 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.....

That's it! Your final answer is a date 3 years before the first Queen to live at the Castle bought it. What was her name?

Queen.....



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Notes & Calculations

