

Royal Wedding: The Mystery of the Missing Tiara

It was the day of the Royal Wedding.

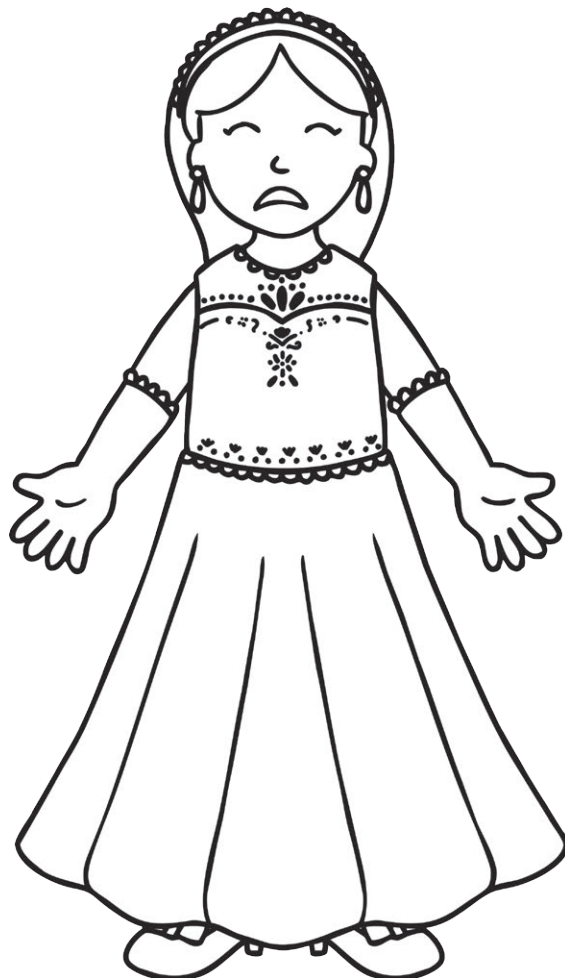
Excitement was in the air as the royal family were preparing for the Royal Wedding.

The groom was ready and on his way to the chapel, waving at thousands of spectators who had travelled to witness this special occasion.

The beautiful bride was almost ready; she just needed one more thing to complete her look, but it was nowhere to be found!

The beautiful tiara given to her as her 'something borrowed' was nowhere to be seen!

Can you answer the clues to help solve the mystery of the missing tiara?



Name	Male / Female	Tall / Short	Location	Age	Role
Meghan	female	short	state apartment	36	bride
Henry	male	tall	chapel	33	groom
Elizabeth	female	short	the drawing room	91	The Queen
Phillip	male	tall	the drawing room	96	The Queen's husband
Charles	male	tall	semi-state room	69	father of the groom
Camilla	female	short	state apartment	70	guest
William	male	short	chapel	35	best man
Catherine	female	short	chapel	36	guest
George	male	short	chapel	4	page boy
Charlotte	female	short	chapel	2	flower girl
Tom	male	tall	state apartment	73	father of the bride
Doria	female	short	state apartment	69	mother of the bride
Samantha	female	short	state apartment	63	maid of honour

Clue 1 - Interpreting Tally Charts

Answer the questions to solve the first clue.

Age	Tally	Number
0-20		
21-40		18
41-60		
61-80		
81-100		5

Here is a tally chart to show the age of the wedding guests.

1. Can you complete the tally chart?
2. Which is the most popular age range? _____
3. Which is the least popular age range? _____
4. How many more people are 21-40 than 0-20? _____
5. How many people are 61-80 and 81-100? _____
6. The culprit is in the age range that has ten fewer guests than age 21-40. How old could they be? _____

Clue 2 - Word Problems

Draw lines to match the word problem to the correct answer.

Charlotte has 24 flowers in her hair. She loses 8. **How many does she have left?**

17

There are 35 flowers needed for the wedding cake. 29 are already on the cake. **How many more do they need?**

16

Catherine had 26 jewels on her dress. Meghan has 10 more. **How many does Meghan have?**

24

Henry has 18 badges on his uniform. His father gives him 2 more. Then, he loses 3. **How many does he have left?**

9

There are 16 candles lit in the chapel. 12 more are lit, then 4 blow out. **How many candles are lit?**

6


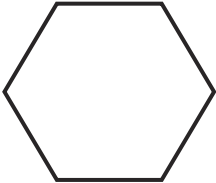
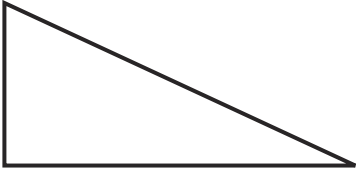
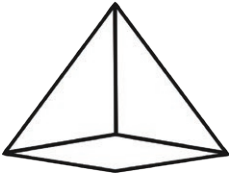
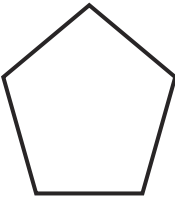

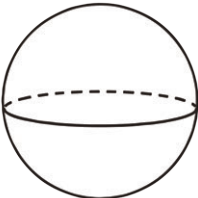
The wedding speeches start at 3 o'clock and finish at quarter to 4. It takes 5 minutes for each person to speak. **How many people are speaking?**

36

36 they	17 state	6 a	20 drawing	24 in
13 chapel	9 apartment	12 room	16 are	26 the

Clue 3 - 2D and 3D Shape Sorting

Can you name the following 2D and 3D shapes?

	_____○_____
	_____○_____
	○_____
	_____○_____
	_____○_____
	_____○_____
	_____○_____

Using the letters in the circles, can you complete the following sentence:

The culprit is _____.

Clue 4 - Missing Numbers

Fill in the missing numbers. Use these numbers to crack the code and solve the final clue.

$2 + 5 + 8 = \underline{\quad}$

$6 + 3 + 4 = \underline{\quad}$

$9 + 9 + 1 = \underline{\quad}$

$21 + 9 = \underline{\quad}$

$33 + 6 = \underline{\quad}$

$20 + \underline{\quad} = 60$

$30 + \underline{\quad} = 80$

$100 - \underline{\quad} = 10$

$90 + 10 = \underline{\quad}$



36 they	17 state	6 a	30 stole	24 in
13 person	9 apartment	12 room	16 are	19 who
40 tiara	100 guest	90 a	50 is	15 the

Answer to clue 4: _____

Challenge: Can you use the inverse to check some of these?

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

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$\underline{\quad} - \underline{\quad} = \underline{\quad}$

Royal Wedding: The Mystery of the Missing Tiara **Answers**

Clue 1.

Age	Tally	Number
0-20		12
21-40		18
41-60		21
61-80		8
81-100		5

Answers to clue 1

2. Which is the most popular age range? **41-60**

3. Which is the least popular age range? **81-100**

4. How many more people are 21-40 than 0-20? **6**

5. How many people are 61-80 and 81-100? **13**

6. The culprit is in the age range that has ten fewer guests than age 21-40. How old could they be? **61-80**

Charlotte has 24 flowers in her hair. She loses 8. How many does she have left?	20
There are 35 flowers needed for the wedding cake. 29 are already on the cake. How many more do they need?	17
Catherine had 26 jewels on her dress. Meghan has 10 more. How many does Meghan have?	13
Henry has 18 badges on his uniform. His father gives him two more. Then, he loses three. How many does he have left?	16
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	9
	26
	6
	36

36 they	17 state	6 a	20 drawing	24 in
13 chapel	9 apartment	12 room	16 are	26 the

Answer to clue 2:

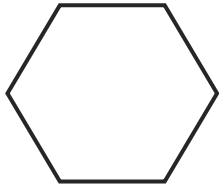
They are in a state apartment.

Answer to clue 3:

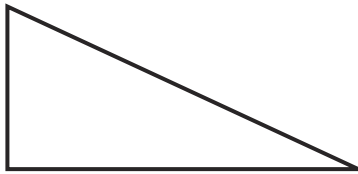
The culprit is not male.



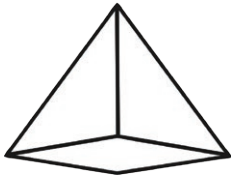
r e c t a **n** g l e



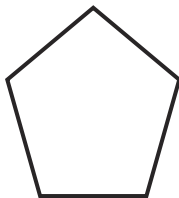
h e x a g **o** n



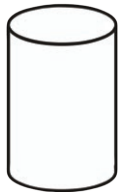
t r i a n g l e



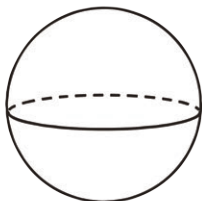
p y r a **m** i d



p e n t **a** g o n



c y **l** i n d e r



s p h e r **e**

Answers to clue 4:

$$2 + 5 + 8 = \mathbf{15}$$

$$6 + 3 + 4 = \mathbf{13}$$

$$9 + 9 + 1 = \mathbf{19}$$

$$21 + 9 = \mathbf{30}$$

$$33 + 6 = \mathbf{39}$$

$$20 + \mathbf{40} = 60$$

$$30 + \mathbf{50} = 80$$

$$100 - \mathbf{90} = 10$$

$$90 + 10 = \mathbf{100}$$

Answer to clue 4:

The person who stole the tiara is a guest.

Can you answer the clues to help solve the mystery of the missing tiara?

The person who stole the tiara was Camilla.