Y3

The Mystery of the Missing Shield Answers

Clue 1

$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$

$\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$

$\frac{1}{10} + \frac{6}{10} = \frac{7}{10}$

$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$

$\frac{9}{10} - \frac{2}{10} = \frac{7}{10}$

$\frac{2}{10} + \frac{7}{10} = \frac{9}{10}$

$\frac{8}{10} - \frac{1}{10} = \frac{7}{10}$

$\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$

$\frac{2}{10} + \frac{1}{10} = \frac{3}{10}$

$\frac{3}{10}$	$\frac{7}{10}$	$\frac{9}{10}$
The guest doesn't have a red cloak.	**The guest doesn't have a yellow cloak.**	The guest doesn't have a blue cloak.

Clue 2

START	$\frac{1}{2} > \frac{1}{3}$	$\frac{5}{8} < \frac{7}{8}$	$\frac{1}{5} > \frac{1}{8}$	$\frac{4}{5} > \frac{2}{5}$
$\frac{1}{9} < \frac{1}{6}$	$\frac{3}{4} < \frac{1}{4}$	$\frac{5}{6} < \frac{1}{6}$	$\frac{7}{10} > \frac{9}{10}$	$\frac{1}{3} > \frac{1}{4}$
$\frac{6}{7} > \frac{5}{7}$	$\frac{3}{10} < \frac{1}{10}$	$\frac{1}{4} > \frac{1}{3}$	$\frac{2}{9} < \frac{4}{9}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{1}{3} < \frac{1}{5}$	$\frac{5}{8} > \frac{1}{8}$	$\frac{1}{8} < \frac{3}{8}$	$\frac{5}{12} < \frac{7}{12}$	$\frac{2}{3} < \frac{1}{3}$
$\frac{1}{5} < \frac{1}{3}$	$\frac{2}{5} > \frac{1}{5}$	$\frac{7}{10} < \frac{3}{10}$	$\frac{9}{11} < \frac{7}{11}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{4}{6} > \frac{2}{6}$	$\frac{1}{4} < \frac{1}{5}$	$\frac{8}{9} < \frac{2}{9}$	$\frac{1}{6} > \frac{1}{8}$	$\frac{4}{7} > \frac{3}{7}$
The emblem of the guest who finds the shield is not a lion or cross.	The emblem of the guest who finds the shield is not a bull or star.	The emblem of the guest who finds the shield is not a bull or lion.	The emblem of the guest who finds the shield is not a bull or cross.	The emblem of the guest who finds the shield is not a lion or star.

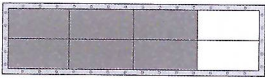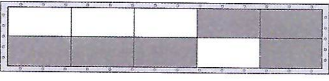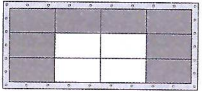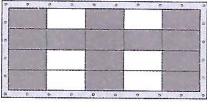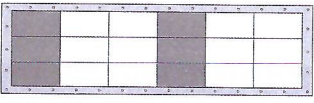The emblem of the guest who finds the shield isn't a **lion or cross**.

Clue 3

The remaining fraction is:

$$\frac{2}{10}$$ The guest's horse is black or chestnut.
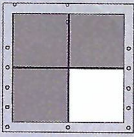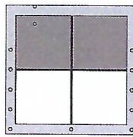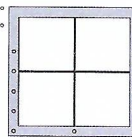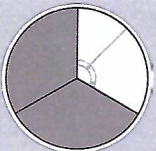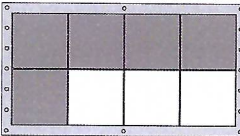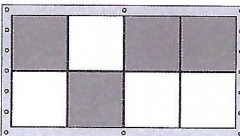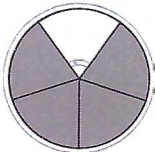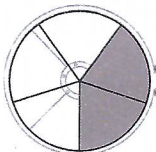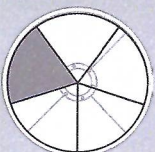
The guest who finds the shield has a **black** or **chestnut** horse.
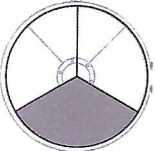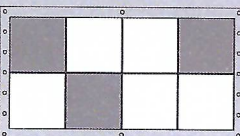
Clue 4

	Right ✓	Wrong ✗
represents $\frac{3}{4}$	✓	
represents $\frac{1}{2}$		✗
represents $\frac{2}{3}$	✓	
represents $\frac{4}{5}$		✗
represents $\frac{1}{3}$	✓	
Total	3	2

The guest who finds the shield is male / (female).

Clue 5

	21–30	31–40	41–50
$\frac{3}{4}$			
$\frac{2}{3}$			
$\frac{3}{8}$			
$\frac{1}{5}$			
Age	21–30	31–40	(41–50)

The guest who finds the shield is aged between **41–50**.

The guest who is responsible for finding the shield is **Lady Catherine.**