

The Mystery of the Stolen Sword

One day, Saint George returned to his chambers to discover that his sword had been stolen. He set off to find out where his sword had gone and to find who had taken it. Use the clues to help him in his quest.

Good luck!



King Kendrick



Queen Quela



Sir Sydney

The Possible Culprits



Prince Porthos



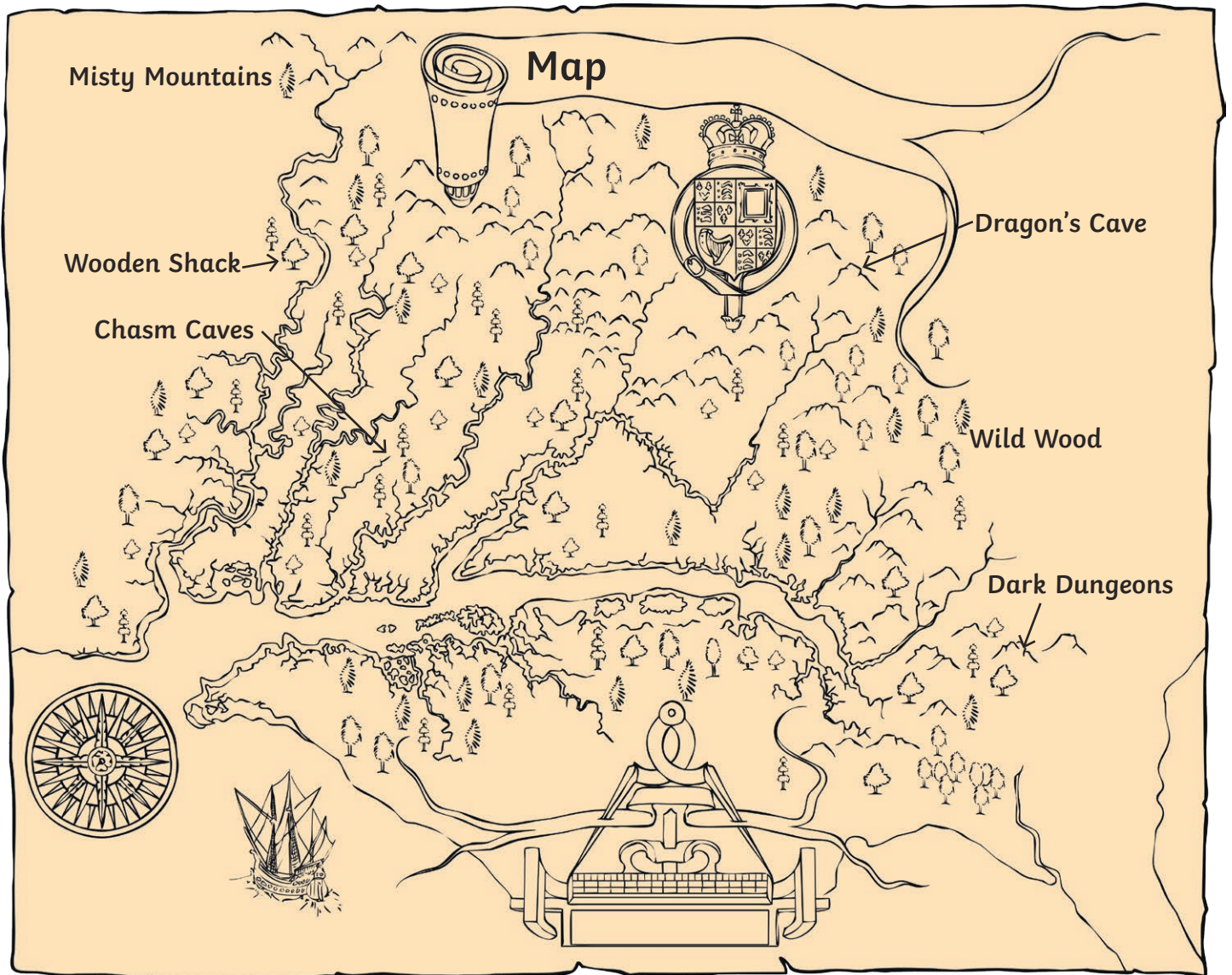
Jem the Jester



Chancellor Cherish



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Clue 1

Saint George begins his adventure at the dragon's cave. On the wall of the cave, he finds a secret message written in code.

Find the missing angles to decode the message. Rearrange the letters to find the name of the first innocent person.

28°	20°	31°	35°	39°	150°	160°	155°	87°	61°
QU	KI	HOS	SYD	KE	CH	SH	IN	PO	RT

24°	90°	30°	95°	63°	68°	21°	13°	210°	240°
CE	CK	PR	EM	JE	ER	EE	NG	NEY	LOR

The first innocent person is _____.

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Clue 2

Saint George leaves the dragon's cave and follows the path into the Wild Woods. Suddenly, he notices a message written in sticks and leaves on the path. Discover what the message says by checking the answers to these calculations.

If there are more correct answers, the message says that Sir Sydney is innocent.

If there are more incorrect answers, the message says that Queen Quela is innocent.

1. $345\ 679 + 29\ 754 =$ $375\ 433$	2. $328\ 105 - 1089 =$ $327\ 010$	3. $763 \times 28 =$ $21\ 380$
4. $3100 \div 25 = 120$	5. $8\ 672\ 063 + 504\ 913 =$ $9\ 176\ 886$	6. $7\ 659\ 028 - 582\ 395 =$ $7\ 076\ 633$
7. $547 \times 32 = 17\ 504$	8. $376 \times 35 = 13\ 560$	9. $8514 \div 22 = 387$

The next innocent person is _____.

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Clue 3

Continuing his quest, Saint George turns and heads into the Misty Mountains. As he approaches a small bridge, he sees a piece of paper on the ground. Solve the equations on the paper. Rearrange the letters with a value of 3 to spell out the name of the third innocent person.

$$d - 4 = 2$$

$$d =$$

$$7k = 21$$

$$k =$$

$$3j - 3 = 12$$

$$j =$$

$$3k = 9$$

$$k =$$

$$15 - 5e = 0$$

$$e =$$

$$d + 9 = 12$$

$$d =$$

$$4i + 9 = 21$$

$$i =$$

$$6y = 12$$

$$y =$$

$$k + 6 = 9$$

$$k =$$

$$7 - t = 2$$

$$t =$$

$$2n = 6$$

$$n =$$

$$6f - 10 = 2$$

$$f =$$

$$6n + 2 = 20$$

$$n =$$

$$7j - 6 = 29$$

$$j =$$

$$4i - 2 = 10$$

$$i =$$

$$2g + 4 = 10$$

$$g =$$

$$10 - 3r = 1$$

$$r =$$

$$10 - c = 7$$

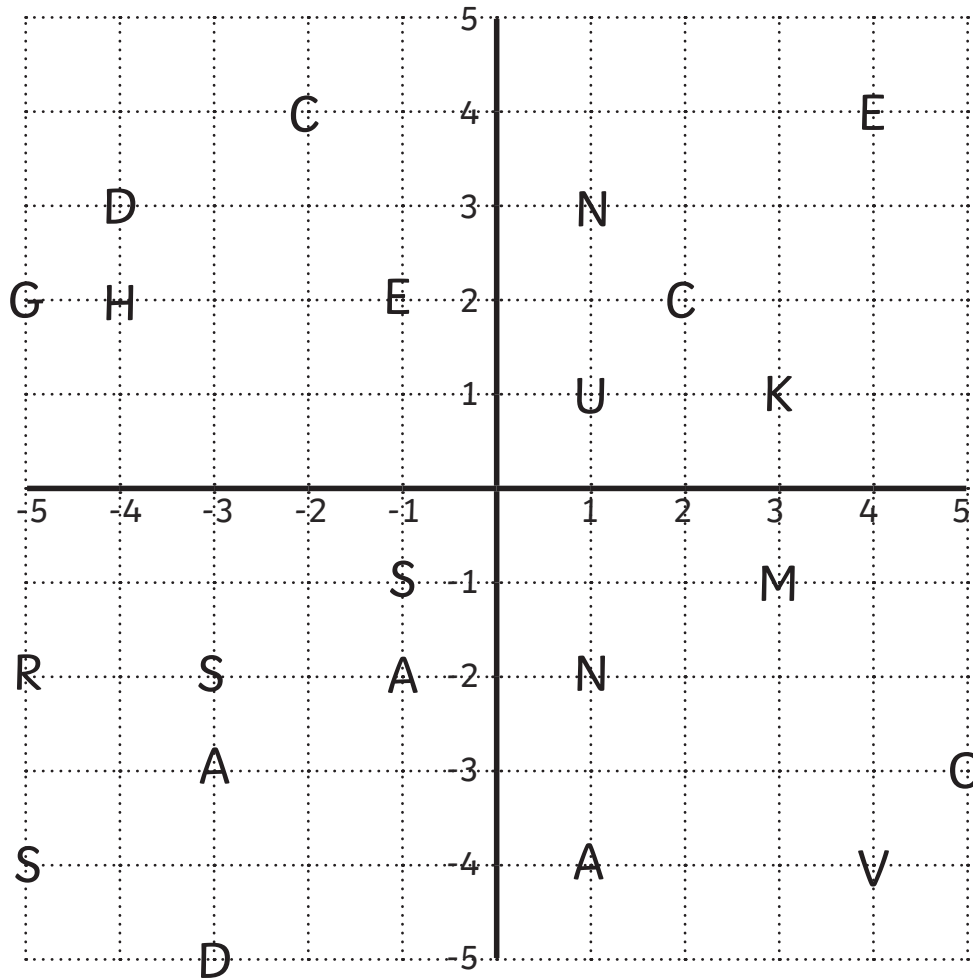
$$c =$$

The third innocent person is _____.

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Clue 4

Saint George continues up the Misty Mountains. He reaches a wooden shack, where a map is pinned to the wall, with a set of coordinates beneath. Read the coordinates to decode the message. Rearrange the letters to find the location of the stolen sword. You may need to use the map.



$(-4, 2)$	$(-1, -1)$	$(2, 2)$	$(-2, 4)$	$(4, -4)$
$(-1, -2)$	$(-5, -4)$	$(3, -1)$	$(4, 4)$	$(-3, -3)$

The stolen sword is in _____.

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Clue 5

Saint George hurries to the location but he is faced with one more challenge!

He comes to three tunnels. Groups of fractions are written on the wall next to each tunnel. Find the group of fractions which add together to make five. This tunnel will lead Saint George to the sword stealer.



$$\frac{3}{5} \quad \frac{7}{10} \quad \frac{4}{10}$$

$$\frac{3}{10} \quad \frac{8}{15} \quad \frac{14}{30}$$



$$\frac{2}{3} \quad \frac{4}{6} \quad \frac{6}{9} \quad \frac{8}{12}$$

$$\frac{4}{6} \quad \frac{6}{9} \quad \frac{8}{12} \quad \frac{1}{3}$$



$$\frac{3}{4} \quad \frac{5}{8} \quad \frac{10}{16} \quad \frac{1}{2}$$

$$\frac{6}{24} \quad \frac{9}{24} \quad \frac{7}{8}$$



The sword stealer is _____.

Find the fraction that simplifies to $\frac{3}{4}$ to discover why he did it.

$\frac{30}{100}$	$\frac{80}{160}$	$\frac{150}{200}$
To slay a dragon.	To become heir to the throne.	For gold coins.

The Mystery of the Stolen Sword **Answers**

Clue 1

The first innocent person is Prince Porthos.

Clue 2

<p>1. $345\ 679 + 29\ 754 =$ $375\ 433$ Correct</p>	<p>2. $328\ 105 - 1089 =$ $327\ 010$ Incorrect</p>	<p>3. $763 \times 28 =$ $21\ 380$ Incorrect</p>
<p>4. $3100 \div 25 = 120$ Incorrect</p>	<p>5. $8\ 672\ 063 + 504\ 913 =$ $9\ 176\ 886$ Incorrect</p>	<p>6. $7\ 659\ 028 - 582\ 395 =$ $7\ 076\ 633$ Correct</p>
<p>7. $547 \times 32 = 17\ 504$ Correct</p>	<p>8. $376 \times 35 = 13\ 560$ Incorrect</p>	<p>9. $8514 \div 22 = 387$ Correct</p>

The next innocent person is Queen Quela.

The Mystery of the Stolen Sword **Answers**

Clue 3

$$d - 4 = 2$$

$$d = 6$$

$$7k = 21$$

$$k = 3$$

$$3j - 3 = 12$$

$$j = 5$$

$$3k = 9$$

$$k = 3$$

$$15 - 5e = 0$$

$$e = 3$$

$$d + 9 = 12$$

$$d = 3$$

$$4i + 9 = 21$$

$$i = 3$$

$$6y = 12$$

$$y = 2$$

$$k + 6 = 9$$

$$k = 3$$

$$7 - t = 2$$

$$t = 5$$

$$2n = 6$$

$$n = 3$$

$$6f - 10 = 2$$

$$f = 2$$

$$6n + 2 = 20$$

$$n = 3$$

$$7j - 6 = 29$$

$$j = 5$$

$$4i - 2 = 10$$

$$i = 3$$

$$2g + 4 = 10$$

$$g = 3$$

$$10 - 3r = 1$$

$$r = 3$$

$$10 - c = 7$$

$$c = 3$$

The third innocent person is **King Kendrick**.

Clue 4


$(-4, 2)$	$(-1, -1)$	$(2, 2)$	$(-2, 4)$	$(4, -4)$
H	S	C	C	V
$(-1, -2)$	$(-5, -4)$	$(3, -1)$	$(4, 4)$	$(-3, -3)$
A	S	M	E	A

The stolen sword is in **Chasm Caves**.

Clue 5


$$\frac{4}{6} + \frac{6}{9} + \frac{8}{12} + \frac{1}{3} + \frac{2}{3} + \frac{4}{6} + \frac{6}{9} + \frac{8}{12}$$

Adds to 5




$$\frac{3}{4} + \frac{5}{8} + \frac{10}{16} + \frac{1}{2} + \frac{6}{24} + \frac{9}{24} + \frac{7}{8}$$

Adds to 4



$$\frac{3}{10} + \frac{8}{15} + \frac{14}{30} + \frac{3}{5} + \frac{7}{10} + \frac{4}{10}$$

Adds to 3



The sword stealer is **Sir Sydney**.

$$\frac{150}{200} = \frac{3}{4} \quad \text{For gold coins.}$$