

Student Name _____

MORGAN AND THE FORTY THIEVES

A MAGIC MATH ADVENTURE



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Chapter 1: The New Boy

Who is the main character you meet in this chapter? _____

Who are some other characters in this chapter? _____

What is the setting of this story? (Where is this story taking place?)

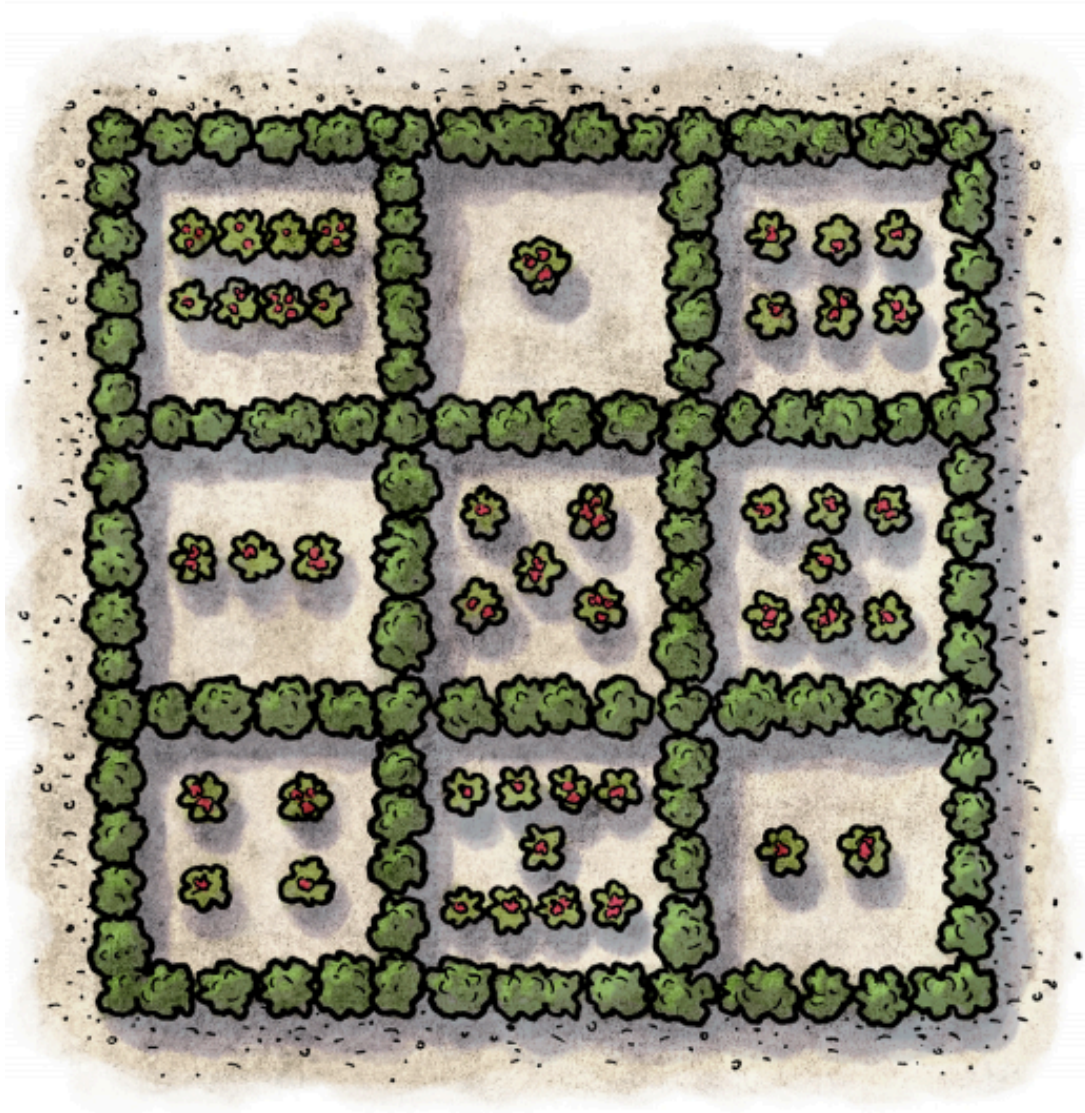
Morgan notices lots of patterns in nature. One of them is in the number of petals in these flowers. Write the pattern below the flowers.



Chapter 2: Magic Square

Rusty showed Morgan a magic square in the garden. Look at the magic square and see if you can figure out the pattern.

Garden Magic Square



Chapter 3: Grandpa Allen & the Wolf

What do Morgan and Rusty discover that they have in common?

Morgan's father is a cartographer. What is a cartographer? _____

What creature did Morgan see in the garden?

What are some words you could use to describe Grandpa Allen?

_____	_____
_____	_____
_____	_____

Chapter 4: Puzzles and Passages

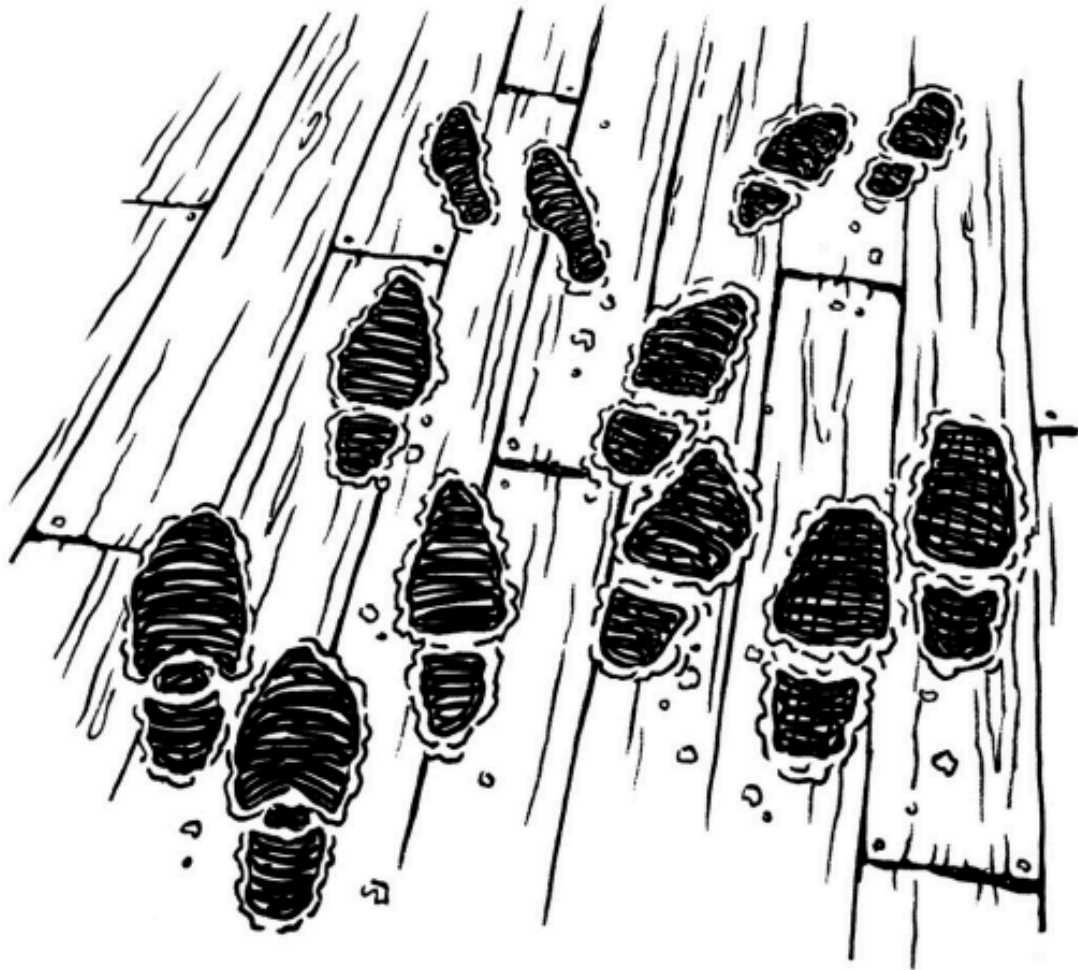
“Bears, Bees and Frogs are three animals that don’t seem to have much in common,” he told her one autumn when she was very young. “However at about the same time of year they all disappear, and then much later they all return. In the period of time they are gone there is a change outside—it is winter. Do you think these two events have something in common?”

“All the doors and windows of this house are locked. While I have not yet converted all parts of this house from oil and gas lamps to electric, I have wired up an alarm system. An alarm is triggered when any locked outside door or window is opened. Yet when someone broke in this morning, no alarm was triggered.”

“Now the door to this room was also locked, and only I have a key, so the question is... How did the people who ransacked this room get in?”

Chapter 5: Following Thieves

How many thieves were there?



How many thieves do you think there are? Why?

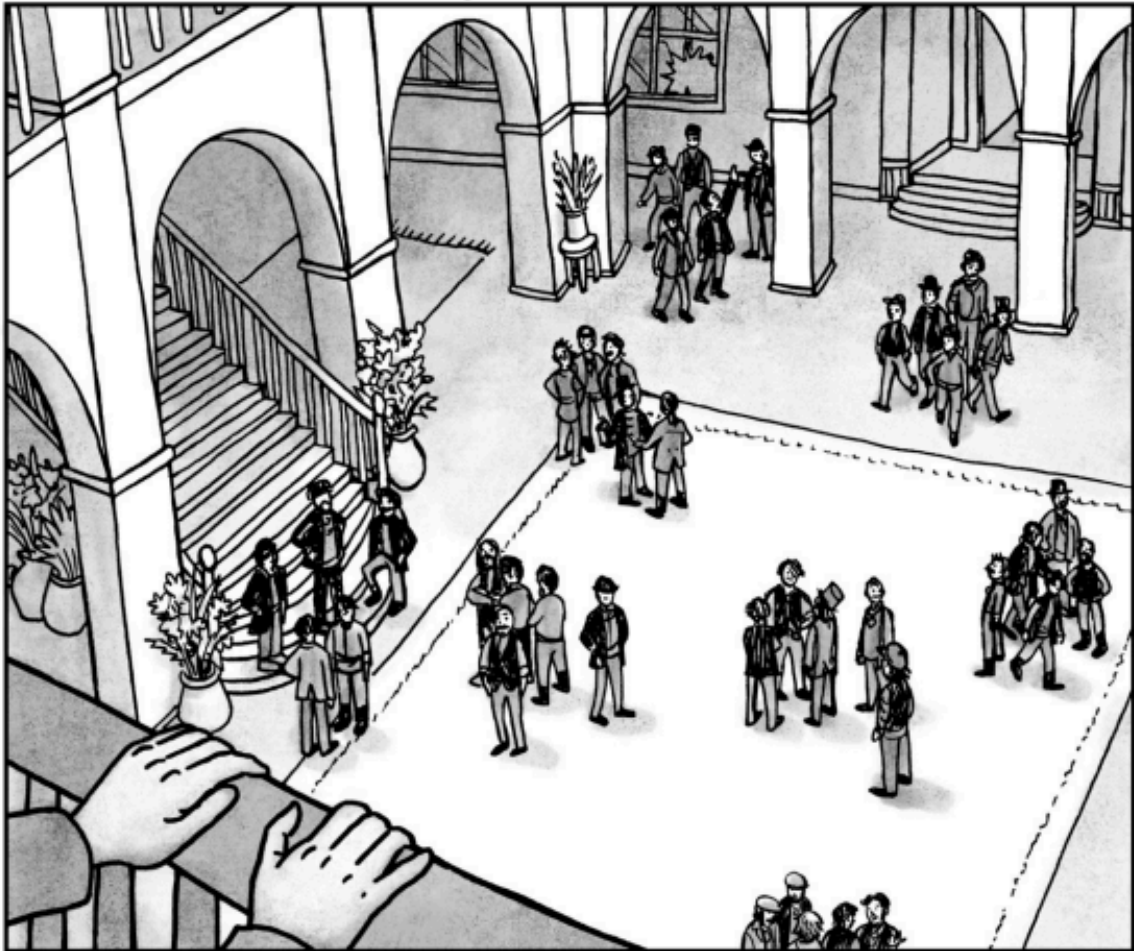
Why were there secret passageways in the house?

Morgan thinks there is a connection between Rusty and the wolf that she keeps seeing. What does she see that makes her think this?

What do you think?

Chapter 6: Tale of the Forty Thieves

How many thieves did he see?



How many thieves are there? _____

Did you notice any patterns while you were counting?

The leader said that the thieves should split up into groups of ten – one group for each floor. There are four floors.

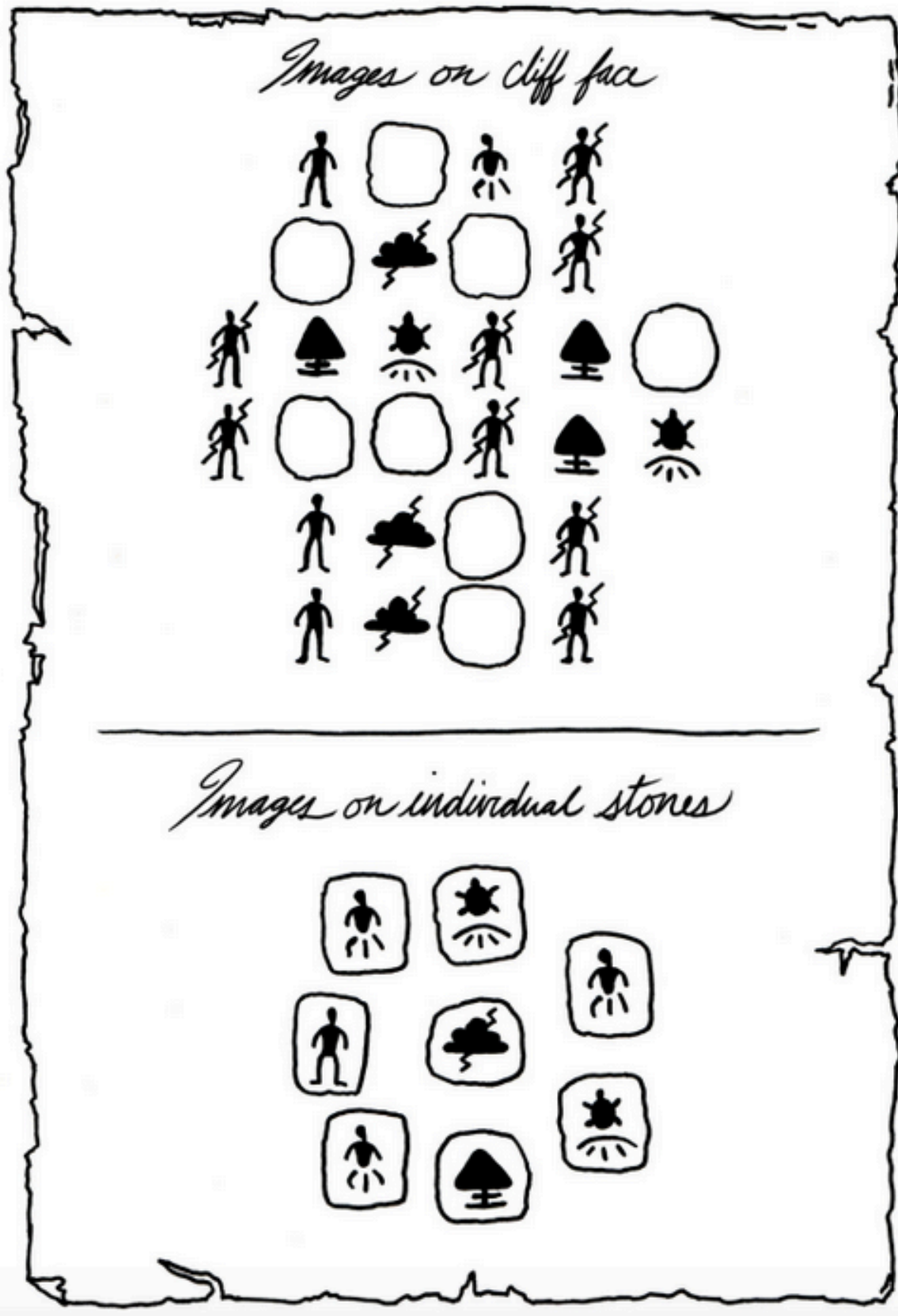
How did Morgan think about this as an addition equation?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

How did Morgan think about this as a multiplication equation?

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Can you figure out the rock pattern? Where do you think the stones should go?



Chapter 7: The Great Secret

Can you estimate how deep the hole is?



Morgan stood next to the wolf and estimated that it was about _____ feet tall.

If that is true, how deep do you think the hole is? Use words, numbers, and/or pictures to explain your answer.

I think the hole is _____ feet deep.

Morgan got the answer by skip-counting by 3s.

Morgan got the answer by using an addition equation.

_____ + _____ + _____ + _____ + _____ = _____

Morgan got the answer by multiplying.

_____ x _____ = _____



Rusty passed up the medallion from the hole he was stuck in. Grandpa Allen asked Morgan if she would put it on and use the powers to help catch the thieves.

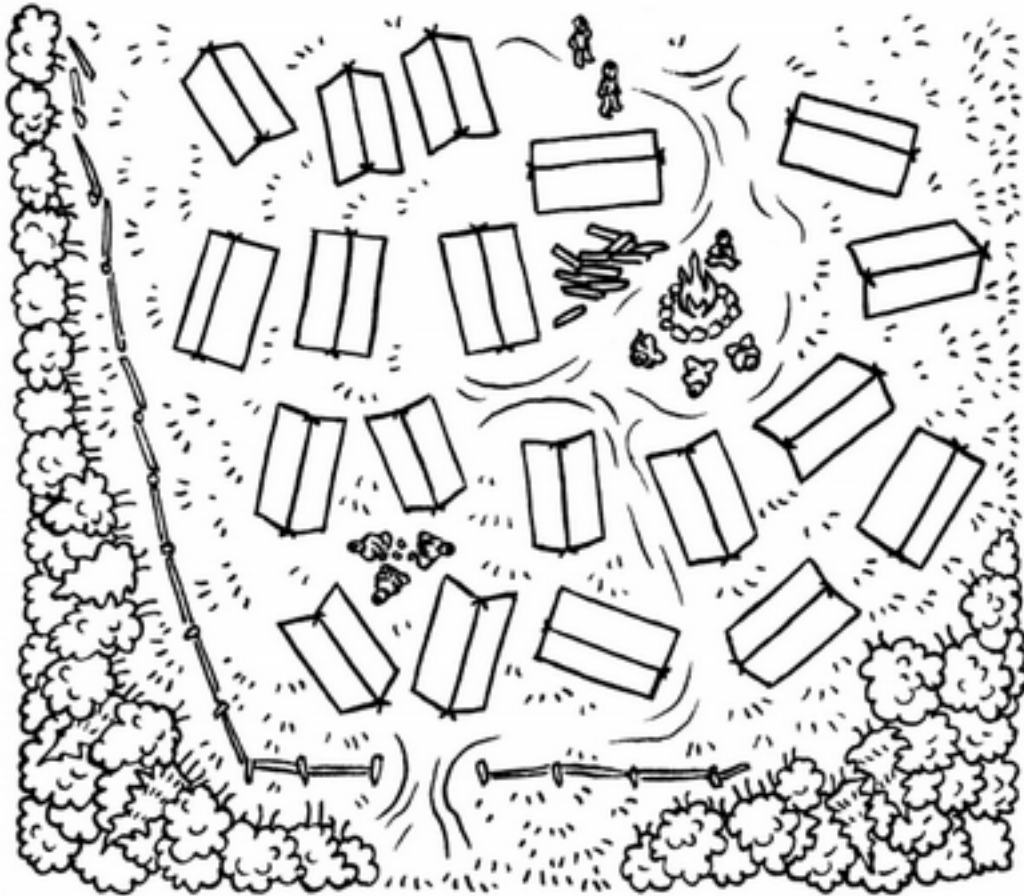
What do you predict will happen when Morgan puts on the medallion?

What actually happened when Morgan put on the medallion?

Which animal would you pick to turn into? Why?

Chapter 8: The Shape of Things

Can you estimate the number of thieves?



How many thieves do you think are at the campsite? Show your work using pictures, numbers, and/or words.

I think there are _____ thieves at the campsite.

Chapter 9: Taken

Why did Morgan's mother receive a telegram instead of a text?

Morgan's mother showed her the telegram she received. What did the telegram say?

Who was taken at the end of the chapter?

What do you predict will happen with Grandpa Allen?

Chapter 10: The Search

How many thieves are there compared to how many rescuers?



There are _____ thieves and _____ rescuers.

For each one rescuer, there are _____ thieves.

Chapter 11: The Escape Attempt

What problem was Morgan facing in this chapter?

What did she do to try to solve this problem?

Chapter 12: Finding Home

Who was the leader of the thieves? _____

Rate the book

Color in how many stars (0 for terrible, 5 for amazing) to show what you think of this book.



Explain why you chose that number of stars. Included specific details from the book to support your answers.
