

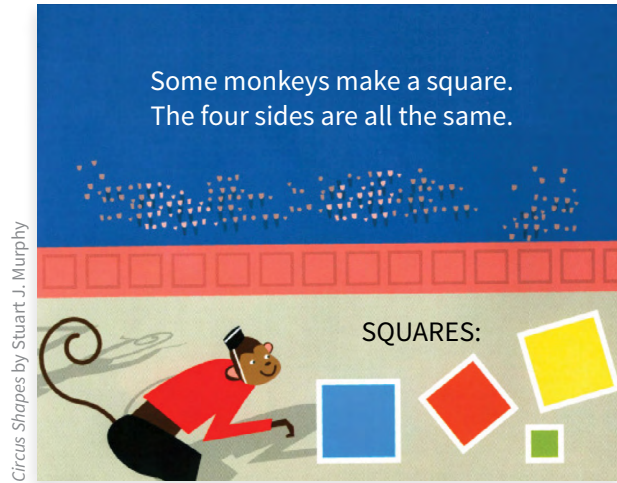
# Math Picture Book Analysis Guide FOR PARENTS



Use this guide to help you choose math picture books to read with your child. A good math picture book will have all four of the positive qualities.

**Positive**

The **illustrations correctly** show the math.



**Negative**

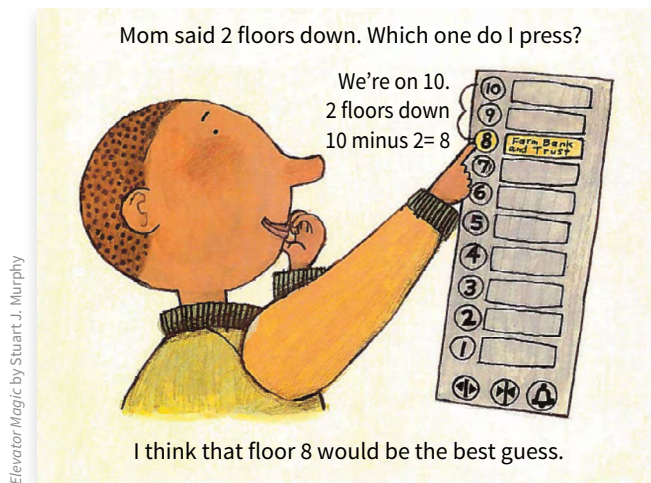
The **illustrations incorrectly** show the math.



Since this page is about the number four and there are four seeds, there should also be four flowers.

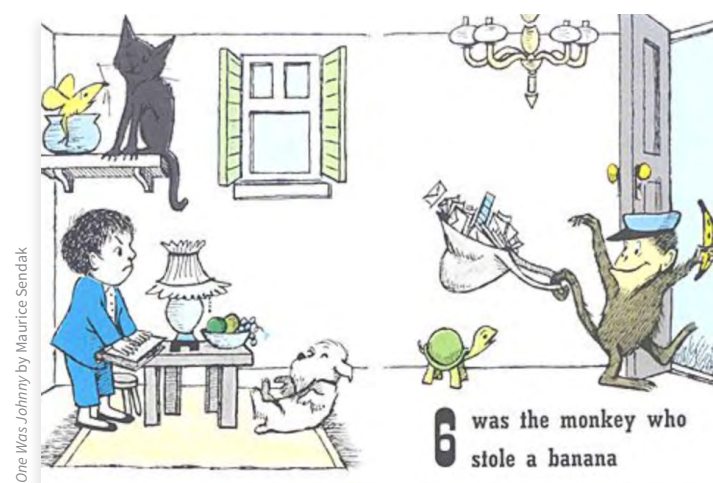
**Positive**

The **text correctly** shows the math.



**Negative**

The **text incorrectly** shows the math.



This story isn't about counting the animals.

Instead, it's about which animals arrive first, second, third, etc. The monkey is not six, the monkey is sixth.



**Positive** The illustrations match and support the text and the math.

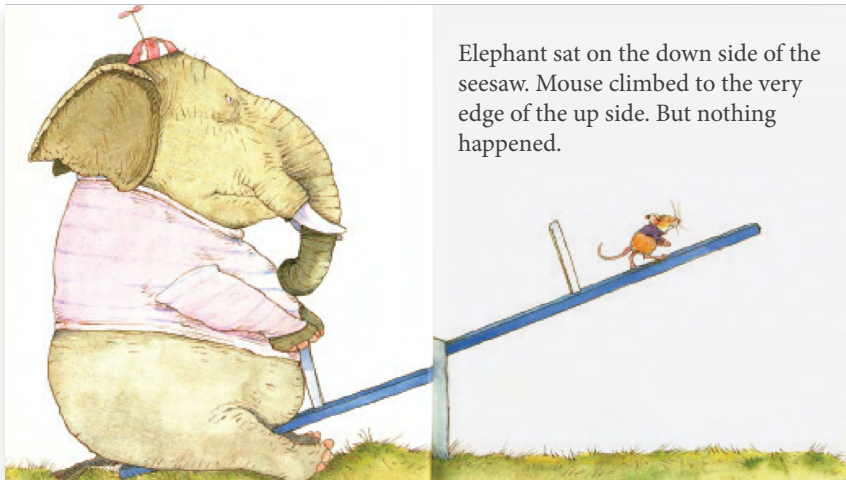
Next to an Ant by Mara Rockcliff

Next to my puppy,  
my brother is tall.



**Positive** The picture book has vivid images, interesting characters, and an engaging plot that you can connect to your child's life.

Just a Little Bit by Ann Tompert



Elephant sat on the down side of the seesaw. Mouse climbed to the very edge of the up side. But nothing happened.

**Negative** The illustrations do not match the text and are distracting or confusing.

Five Little Monkeys Bake a Birthday Cake by Eileen Christelow



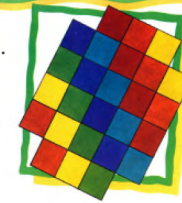
One little monkey reads the recipe. "Add four eggs."  
Four little monkeys each get some eggs.

It says four eggs in the text, but the monkeys say they are getting eight eggs in the illustration. In addition, some monkeys are holding three eggs but saying, "I have 2 eggs!"

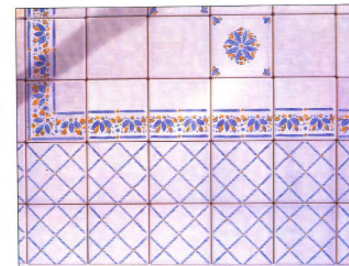
**Negative** The picture book does not have vivid images, interesting characters or an engaging plot that connects to your child's life.

**tessellating patterns**

Squares tessellate. The shapes fit together with no gaps.



These tiles tessellate.



Patterns by David Kirkby

Although we can learn interesting facts about patterns, there are no characters or actions in this book. Children might find it difficult to see how patterns on this page connect to their own lives.