**AUTHOR:**

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Miss Bloom runs the Strawberry Inn. Follow along as she fills her rooms with five remarkable guests.

**Ages:** 5 to 8 years

**Interest Level:**

Kindergarten to 3rd grade

**ATOS Reading Level:**

2.9

**Lexile:** 530L

**ISBN:** 9780763641306

**Copyright:** 2007

**Genre:** Fiction

**Classification:**

Picture Story Book



# Full House

## An Invitation to Fractions

*Will Miss Bloom fill the The Strawberry Inn?*

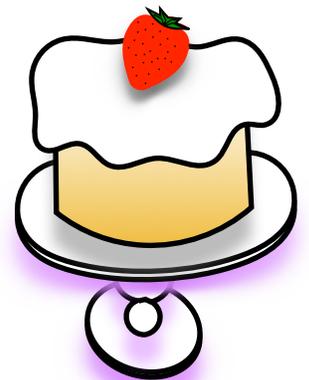
**Topics:** fractions, parts of a whole

**Math Connections:** Use *Full House: An Invitation to Fractions* to gently introduce children to the concept of fractions as parts of a set *and* parts of a whole. The Strawberry Inn has a set of six rooms. As each guest arrives, one room is filled or one-sixth ( $1/6$ ) of the Inn's rooms. Each new guest fills another room which adds another one-sixth ( $1/6$ ). When six-sixths ( $6/6$ ) of the rooms are occupied, the inn is full (one whole inn). As each guest arrives, notice that another light goes on in the windows of the inn. If your child doesn't notice this on their own, draw their attention to the small box in the lower right of the page that shows the set of rooms and what fraction of the rooms is now filled. At the end of the story, the guests and Miss Bloom share a strawberry cake that has been cut into six equal pieces. Each piece is one-sixth of the whole cake. Ask your child how many pieces make up the whole cake.

Talk about other real-life situations in which you use fractions. For example if you share some cookies equally between three friends, each person gets one-third ( $1/3$ ) of the cookies.

**Extension Questions:**

1. How did the guests at the inn make sure the cake was shared fairly with everyone?
2. When a pie is cut into four pieces, what fraction of the whole pie is each piece?
3. If Mom or Dad says, "give your brother half of your sandwich.", what is the fraction in that statement? What does "half" mean? What does "half" look like, written as a fraction?
4. When has there been a time that you have used a fraction? Tell me the story.



**Early Math Project Resources:**

[Fraction Concentration](#) (English)

Fraction Concentration (Spanish)

**Online Resources:**

[Lego Fraction Games for Kids](#)

[Twenty Fraction Activities](#)

<b>Vocabulary for Building Math Concepts</b>	1 whole, 1/6, 2/6, 3/6, 4/6, 5/6, 6/6, 210 miles per hour
<b>Vocabulary for Extending Math Concepts</b>	fraction, part, set, whole
<b>Vocabulary for Reading Comprehension</b>	astonishing, Captain, Duchess, partake, potatoes au gratin, sapphires, scrumptious

Age Level	Related Preschool Foundations and CA State Standards
Kindergarten	<b>Counting and Cardinality</b> <a href="#">K.CC.4</a> , <a href="#">K.CC.5</a> Count to tell the number of objects.
Grade 1	<b>Geometry</b> <a href="#">1.G.3</a> Partition circles and rectangles into two and four equal shares, describe the shares using the words <i>halves</i> , <i>fourths</i> , and <i>quarters</i> , and use the phrases <i>half of</i> , <i>fourth of</i> , and <i>quarter of</i> .
Grade 2	<b>Geometry</b> <a href="#">2.G.3</a> Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words <i>halves</i> , <i>thirds</i> , <i>half of</i> , <i>a third of</i> , etc., and describe the whole as two halves, three thirds, four fourths.
Grade 3	<b>Number and Operations-Fractions</b> <a href="#">3.NF.1</a> Develop understanding of fractions as numbers

**Spanish Title:** Not available

**Related Books:** *The Lion's Share* by ; *Give me Half* by Stuart J. Murphy

**Find this book at your local library:** <https://www.worldcat.org/title/full-house-an-invitation-to-fractions/oclc/76168061?referer=di&ht=edition>

