

**Day 9: Sharing Brownies** (adopted from *Teaching Mathematics* by Marilyn Burns)

**Lesson Target:**

- Solve single and multi step word problems and verify the solution
- Represent the fractions with using words pictures, and physical objects.

Process	Activities/Expected Students' responses	Teacher's Support
Understand the Goal	<b>How do you share brownies?</b>	
Explore/ Investigate/Solve	<p><b>Introduce</b> a story</p> <p>1. I invited eight people to a party (including me), and I had 12 brownies. How much did each person get if everyone got a fair share?</p> <p><b>Predict</b> the solution  <b>S:</b> I know each person can get 1 brownie but there are 3 left over...  <b>S:</b> Should we cut these brownies?</p> <p><b>Investigate/Record</b> their findings</p> <p><b>Share/ Discuss</b> the result in class</p> <p><b>Investigate</b> in the following story</p> <p>2. Later my mother came home with 9 more brownies. We shared these equally, too. (My mother didn't take any.) This time, how much brownies did each person get?</p> <p><b>Investigate/Record</b> their findings</p> <p><b>Share/ Discuss</b> the result in class</p>	<p><b>Provide</b> 12 square papers as pretend brownies</p> <p><b>Facilitate/ Support</b> a conversation</p> <p><b>Record</b> in the class chart</p>
Conclude	<p><b>Journal Entry: There are 3 cookies on the table. You and your friend are talking about how to share them equally. How much cookies does each person get?</b></p>	<p><b>Encourage</b> to use fraction and division</p>

**Assessment:**

- **Represent** pretend brownies equally shared in 9 people.
- **Explain** their solution with pretend brownies
- **Record** the results accurately with pictures, numbers, and/or words.
- **Represent** the correct answer of journal entry with reasonable explanation with numbers, pictures, or words.

**(Pretend Brownies are on the next page. Copy, cut, and use them!)**


