


Division Day 10: Solve Word Problems of Equal Share and Equal groups

Lesson Target:

- Apply the knowledge of equal share and equal groups in the word problems
- Use multiplication facts in division problem
- Compose the word problems and solve them accurately.

Process	Activities/Expected Students' responses	Teacher's Support
Understand the Goal	<p>Review the meaning of Equal Share and Equal groups</p> <p>What information do you need to solve the division word problems?</p>	
Explore/ Investigate/Solve	<p>Think/Discuss</p> <p>S: Numbers of objects</p> <p>S: Numbers of groups, when you ask about equal share</p> <p>S: Numbers of objects in each group, when you ask about equal groups.</p> <p>S: I know I can use multiplication when I solve division problems.</p> <p>Pick one card from each of 3 tubs.</p> <p>Make your own problem.</p> <p>Solve your own problem with <i>Division Solution Checklist</i> (below)</p> <p>Share how you solved your own word problem.</p> <p>Solve other word problems that class made yesterday with <i>Division Solution Checklist</i></p>	<p>Show 2 sentence cards that have yesterday's and today's problem</p> <p>Assist students</p> <p style="padding-left: 40px;">$x 3 = 12$</p> <p style="padding-left: 40px;">$12 \div 3 = 4$</p> <p># of objects: 12 apples</p> <p># of groups: ???...4 people</p> <p># of objects in each group: 3 apples</p> <p>Provide</p> <p>Division Solution Check List (below)</p>
Conclude	<p>Presentation:</p> <p>This is how I solved this problem;.....</p>	

Assessment:

- **Write** questions with 3 clear sentences
- **Solve** division problems by following checklist.
- **Use** multiplication facts in both equal share and equal groups

Division Solution Check Sheet

Name: _____ Date: _____

___ Numbers of objects we have are _____

___ Number of objects in each group are

___ Numbers of groups are _____

___ Division Equation _____

___ Supporting Multiplication equation

___ Picture

___ Labeled Answer _____

Division Solution Check Sheet

Name: _____ Date: _____

___ Numbers of objects we have are _____

___ Number of objects in each group are

___ Numbers of groups are _____

___ **Division Equation** _____

___ **Supporting Multiplication equation**

___ **Picture**

___ **Labeled Answer** _____