



2nd grade Module 6

Application Problem
Journal

Name: _____

Teacher: _____

Lesson 1 Application Problem

Julisa has 12 stuffed animals. She wants to put the same number of animals in each of her 3 baskets.

- Draw a picture to show how she can put the animals into 3 equal groups.
- Complete the sentence below



Julisa put _____ animals in each basket.

Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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Lesson 2 Application Problem

Mayra sorts her socks by color. She has 4 purple socks, 4 yellow socks, 4 pink socks, and 4 orange socks.

- Draw groups to show how Mayra sorts her socks.
- Write a repeated addition equation to match.
- How many socks does Mayra have in all?



Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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Lesson 3 Application Problem

Markers come in packs of 2. If Jessie has 6 packs of markers, how many markers does she have in all?

- Draw groups to show Jessie's packs of markers.
- Write a repeated addition equation to match your drawing.
- Group addends into pairs, and add to find the total.



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Lesson 4 Application Problem

The flowers are blooming in Maria's garden.

There are 3 roses, 3 buttercups, 3 sunflowers, 3 daisies, and 3 tulips. How many flowers are there in all?

- Draw a tape diagram to match the problem.
- Write a repeated addition equation to solve.



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Lesson 5 Application Problem

Mrs. White is in line at the bank. There are 4 teller windows, and 3 people are standing in line at each window.

- Draw an array to show the people in line at the bank.
- Write the total number of people.



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Lesson 6 Application Problem

Sam is organizing her greeting cards. She has 8 red cards and 8 blue cards. She puts the red cards in 2 columns and the blue ones in 2 columns to make an array.

- Draw a picture of Sam's greeting cards in the array.
- Write a statement about Sam's array.



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Lesson 7 Application Problem

Bobby puts 3 rows of tile in his kitchen to make a design. He lays 5 tiles in each row.

- Draw a picture of Bobby's tiles.
- Write a repeated addition equation to solve for the total number of tiles Bobby used.



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Lesson 8 Application Problem

Charlie has 16 blocks in his room. He wants to build equal towers with 5 blocks each.

- Draw a picture of Charlie's towers.
- How many towers can Charlie make?
- How many more blocks does Charlie need to make equal towers of 5?



Read

Draw

Write

Lesson 9 Application Problem



Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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Lesson 10 Application Problem

Sandy's toy telephone has buttons arranged in 3 columns and 4 rows.

- Draw a picture of Sandy's telephone.
- Write a repeated addition equation to show the total number of buttons on Sandy's telephone.



Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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Lesson 11 Application Problem

Ty bakes two pans of brownies. In the first pan, he cuts 2 rows of 8. In the second pan, he cuts 4 rows of 4.

- Draw a picture of Ty's brownie pans.
- Write a repeated addition equation to show the total number of brownies in each pan.
- How many brownies did Ty bake altogether? Write an equation and a statement to show your answer.



Read

Draw

Write

Lesson 12 Application Problem

Lulu made a pan of brownies. She cut them into 3 rows and 3 columns.

- Draw a picture of Lulu's brownies in the pan.
- Write a number sentence to show how many brownies Lulu has.
- Write a statement about Lulu's brownies.



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Lesson 13 Application Problem

Ellie bakes a square pan of lemon bars, which she cut into nine equal pieces. Her brothers eat 1 row of her treats. Then, her mom eats 1 column.

- Draw a picture of Ellie's lemon bars before any are eaten. Write a number sentence to show how to find the total.
- Write an X on the bars that her brothers eat. Write a new number sentence to show how many are left.
- Draw a line through the bars that her mom eats. Write a new number sentence to show how many are left.
- How many bars are left? Write a statement.



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Lesson 14 Application Problem



Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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Lesson 15 Application Problem

Rick is filling his muffin pan with batter. He fills 2 columns of 4. One column of 4 is empty.

- Draw to show the muffins and the empty column.
- Write a repeated addition equation to tell how many muffins Rick makes.



Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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Lesson 16 Application Problem

Rick is baking muffins again. He filled 3 columns of 3 and left one column of 3 empty.

a. Draw a picture to show what the muffin pan looked like. Shade the columns that Rick filled.

b. Write a repeated addition equation to tell how many muffins Rick makes. Then, write a repeated addition equation to tell how many muffins would fit in the whole pan.



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Lesson 17 Application Problem

Seven students sit on one side of a lunch table. Seven more students sit across from them on the other side of the table.

- Draw an array to show the students.
- Write an addition equation that matches the array.

Three more students sit down on each side of the table.

- Draw an array to show how many students there are now.
- Write an addition equation that matches the new array.



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Lesson 18 Application Problem


Eggs come in cartons of 12. Use pictures, numbers, or words to explain whether 12 is even or not even.



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Lesson 19 Application Problem

Eggs come in cartons of 12. Joanna's mom used 1 egg. Use pictures, numbers, or words to explain whether the amount left is even or odd.



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Lesson 20 Application Problem

Mrs. Boxer has 11 boys and 9 girls at a Grade 2 party.

- Write the equation to show the total number of people.
- Are the addends even or odd?
- Mrs. Boxer wants to pair everyone up for a game. Does she have the right number of people for everyone to have a partner?

Read	<input type="checkbox"/>	Draw	<input type="checkbox"/>	Write	<input type="checkbox"/>
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