Module 4

Topic E: Decompositions of 9 and 10 into Number Pairs

Rubric Score: _____

Materials (per student): Personal white board, marker, number bond mat, 10 loose linking cubes

T: Write 10 in the whole part of your number bond. Show me one way to complete the number bond. (Students may use cubes)

T: (Teacher tells story) Anya's friends brought her 9 presents. They put some of the presents on one table and the rest on the other table. Use the cubes to show me how Anya's presents could look. Now, draw a number bond about Anya's presents.

What did the student do?	What did the student say?

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Module 4

Topic F: Addition with Totals of 9 and 10

Rubric Score: _____

Material (per student): Personal white board, marker, Templates showing 9 dots, cars, flowers, 10 linking cubes

T: Look at the dots. Fill in the missing parts of the number sentence to match the dot picture.

T: (Teacher tells story): There were 6 cars in the parking lot. 4 more cars drove in. How many cars are in the parking lot now? Fill in the numbers in the addition sentence to match the story.

T: (Teacher tells story): There were 10 flowers. 8 of them were striped, and 2 of them were white. Write an addition sentence that matches this story.

What did the student do?	What did the student say?

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Module 4

Topic G: Subtraction from 9 and 10

Rubric Score: _____

Materials (per student): 10 linking cube stick (5 cubes one color, 5 cubes a different color), personal white board, marker

T: Use the space on the whiteboard to draw a picture. (Teacher tells story): I had 9 crayons. I gave one crayon to my friend. How many crayons do I have now? Write a number sentence below your picture to go with the story.

T: Pick up your 10 stick of linking cubes. Break off some cubes and put them on the table. Write a subtraction sentence to show what you did.

What did the student do?	What did the student say?

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Module 4

Topic H: Patterns with Adding 0 and 1 and Making 10

Rubric Score: _____

Materials (per student): 9 dots template, linking cubes, personal white board, marker

T: Make a 5-stick with your linking cubes. Take zero cubes away. Show me with your fingers how many cubes you have now?

T: Put 1 more cube on your stick. Show me with your fingers how many cubes you have now?

T: Hold up the equation that matches my story. (Teacher tells story): 5 fish were swimming in a pond. Then, 3 frogs jumped in the pond. Now, there are 8 animals in the pond. Circle the equation that matches the story.

Erase your board and listen to the next part of my story: There were 8 animals in the pond. The 3 frogs jumped out and went home. Now, there are 5 animals in the pond. Circle the equation that matches the story.

T: Look at the dots again. Write the number that shows how many more dots we need to be 10.

T: Draw the number 7 using a 5-group. How many more does 7 need to make 10? Write an equation that shows how many 7 needs to make 10.

What did the student do?	What did the student say?

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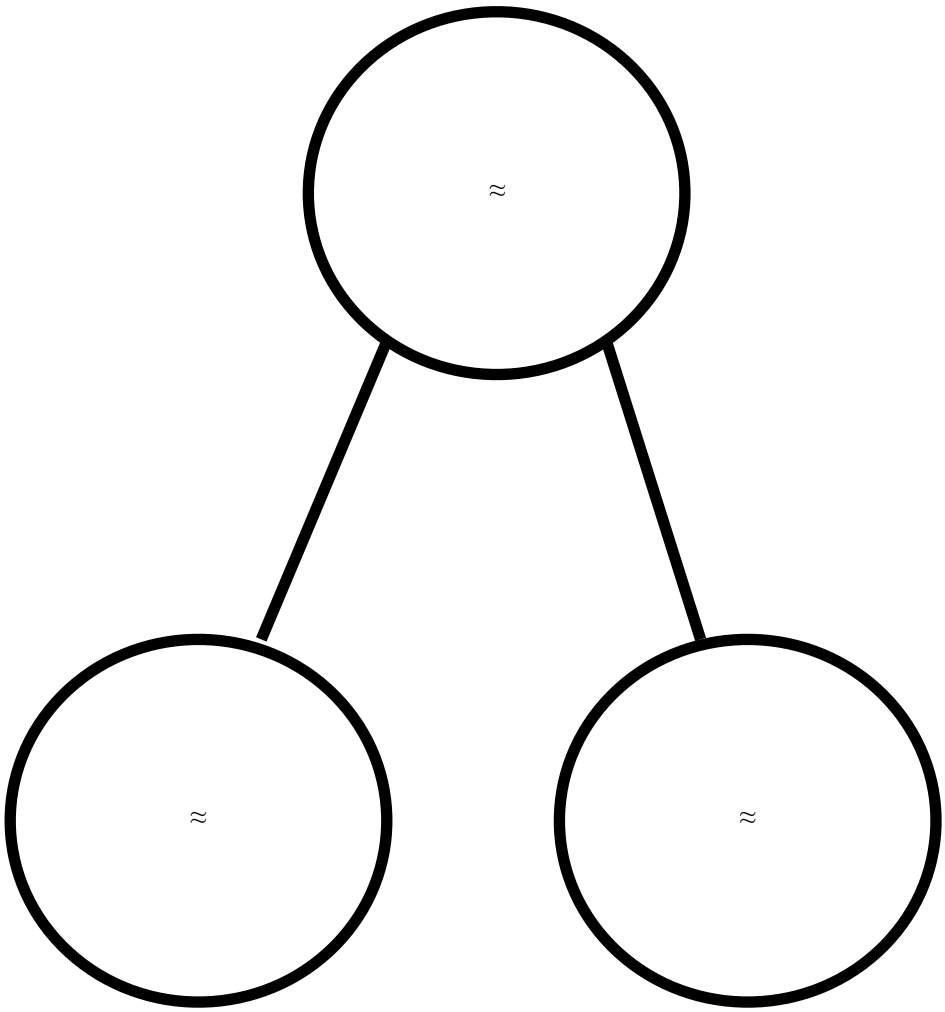
Module 4



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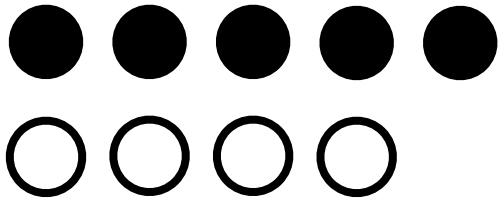
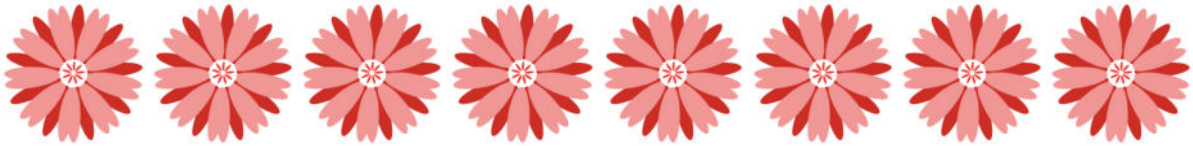
Module 4



9 = ___ + ___

___ = ___ + ___



5 + 3 = 8 8 - 3 = 5 5 - 3 = 2

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