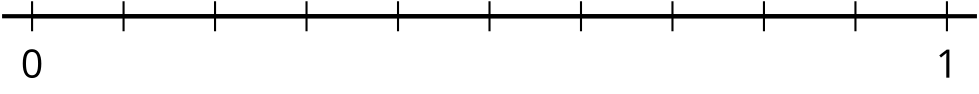
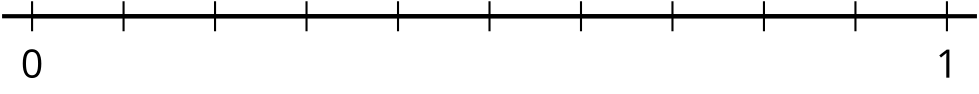
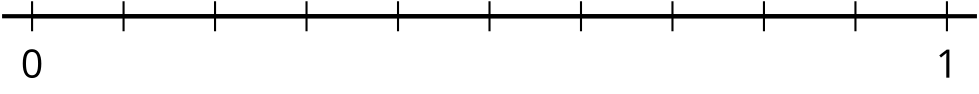
### Section C: Practice Problems

1. Andre is building a tower out of different foam blocks. These blocks come in three different thicknesses: -foot, -foot, and -foot.

* Andre stacks two -foot blocks, two -foot blocks, and two -foot blocks to create a tower. What will the height of the tower be in feet? Explain or show how you know.
* (From Unit 3, Lesson 15.)

1. Find the value of each of the following sums. Show your reasoning. Use number lines if you find them helpful.
   * 
   * 
   * 

* (From Unit 3, Lesson 16.)

1. Is the value of each expression greater than, less than or equal to 1? Explain how you know.

* (From Unit 3, Lesson 17.)

1. Diego and Lin continued to play with their coins.

* Diego said that he has exactly 3 coins whose thickness adds up to cm. What coins does Diego have? Explain or show your reasoning.

| * coin | * thickness in cm |
| --- | --- |
| * 1 centavo |  |
| * 10 centavos |  |
| * 1 peso |  |
| * 2 pesos |  |
| * 5 pesos |  |
| * 20 pesos |  |

* (From Unit 3, Lesson 18.)

1. Exploration

* A chocolate cake recipe calls for 2 cups of flour. You gather your measuring cups and notice you have these sizes:  cup, cup, cup, and cup.
  1. What are the different ways you could use all 4 measuring cups to measure 2 cups of flour?
  2. What are other ways you could use just some of the 4 measuring cups to measure exactly 2 cups of flour?

1. Exploration

* A dime is worth of a dollar and a penny is worth of a dollar.
  1. If I have of a dollar, how many different combinations of dimes and pennies could I have? Use equations to show your reasoning.
  2. A nickel is worth of a dollar. How many different combinations of dimes, nickels and pennies could I have if I still have  of a dollar? Use equations to show your reasoning.



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