

**2-6.** For the problem below, display the data using a dot plot, bar graph, or Venn diagram. Decide which type of data display is best and explain why. [Homework Help ✎](http://homework.cpm.org/cpm-homework/homework/category/CC/textbook/CC1/chapter/Ch2/lesson/2.1.1/problem/2-6)

* Appliances sold at Housemart during the month of September:
* Washers: 35 Dryers: 21 Ovens: 19
* Refrigerators: 27 Dishwashers: 23
* **2-7.** Elizabeth wants to challenge you to a “Toothpicks and Tiles” game. Using exactly 6 tiles, solve her challenges below. Justify your answers with pictures and labels. [2-7 HW eTool](http://technology.cpm.org/general/tiles/?tiledata=ahCC1%202-7%20HW%20eTool__Directions%3A%20Use%20the%206%20tiles%20at%20right%20to%20solve%20each%20part%20of%20the%20problem.%0A%0ADrag%20the%20toothpicks%20below%20onto%20the%20grid%20to%20help%20solve%20each%20part.__fXa2x__boy__aexjsrgqiexjsseqiexjstcqiexjsuaqiexjsu8qiexjsvWqg) (CPM) [Homework Help ✎](http://homework.cpm.org/cpm-homework/homework/category/CC/textbook/CC1/chapter/Ch2/lesson/2.1.1/problem/2-7)
	1. Find a pattern where the number of toothpicks is more than double the number of tiles.
	2. Find a pattern where the number of toothpicks is 4 more than the number of tiles.
* **2-8.** On a hot summer day, Leo and Stefano decided to buy some refreshments at the Fruit and Smoothies store. Fruit kabobs cost $1.75 each and smoothies cost $2.50 each. [Homework Help ✎](http://homework.cpm.org/cpm-homework/homework/category/CC/textbook/CC1/chapter/Ch2/lesson/2.1.1/problem/2-8)
	1. Leo ordered two fruit kabobs and one smoothie. How much did he spend?
	2. Stefano ordered three fruit kabobs and four smoothies. How much did he spend?
	3. Arturo could not decide, but he had $9.00 he could spend on fruit kabobs and smoothies. He knows he wants at least one of each. What are some combinations he can afford? (Show at least three possibilities.)
* **2-9.** Lulu is playing “Toothpicks and Tiles” from Lesson 1.1.2. She has arranged 10 tiles as shown below. She wants to rearrange them so that the number of toothpicks remains the same. Draw one possible arrangement of the tiles. [2-9 HW eTool](http://technology.cpm.org/general/tiles/?tiledata=afCC1%202-9%20HW%20eTool__Directions%3A%20Rearrange%20the%20tiles%20at%20right%20so%20the%20number%20of%20toothpicks%20remains%20the%20same.%20Draw%20one%20possible%20arrangement%20of%20the%20tiles.__fXa2x__boy__aexjsrgqiexjsseqiexjstcqiexjsuaqiexjsu8qiexjsvEqiexjsrMqiexjssKqiexjstIqiexjsuGqi) (CPM) [Homework Help ✎](http://homework.cpm.org/cpm-homework/homework/category/CC/textbook/CC1/chapter/Ch2/lesson/2.1.1/problem/2-9)
* **2-10.** Add or subtract. Remember to line up the decimal points. [Homework Help ✎](http://homework.cpm.org/cpm-homework/homework/category/CC/textbook/CC1/chapter/Ch2/lesson/2.1.1/problem/2-10)
	1. 53.199 − 27.61
	2. 155.96 + 56.232
	3. 83.617 − 36.518