

Classroom Observer

Name:

Make 10 statements comparing objects, events, or people in the classroom using ratio language. For example: There are 3 pencils for every 2 students in the classroom. On the back, write a persuasive paragraph to improve a need you see in the classroom. For example, you may observe that we need more pencils per student in our classroom. Write a paragraph persuading your classmates to bring in more pencils of us to use or another solution you create (4-5 sentences).

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9. There are 2 shoes for every 1 student. 2:1

10. There is 1 floor for every 1 classroom. 1:1



Vacation Savings Plan Name:

You and your family are taking a road trip across the United States this summer. You want to make sure you have money saved up to spend along the way. Graph the following savings plan to decide which will work best for you. On the back, write a paragraph to justify which work you would rather do and why (4-5 sentences).



You walk your neighbors' two dogs three times a week. Each time, they pay you \$5 per dog. You will save all of your money. How much money will you have saved after 9 weeks for your trip? How many weeks of dogwalking will it take you to earn the same amount as you would mowing lawns for 6 weeks?









Name:

Use the US: Western Region map to determine the distance from Boise to each of the state capitals, excluding Juneau and Honolulu. Pretend that you are able to fly in a direct (straight) line from Boise to each capital city. Note that the map key shows that 1 1/8 inches is equal to 250 miles. We will round to the nearest ¼ inch and use 1 inch equals 250 miles for this assignment. Create a table to organize your data, including capital city, distance in inches, distance in miles. You may need to create a ratio table separately. On the back, write a paragraph about which capital city you would most like to visit and why (4-5 sentences).

US: Western Region







Name: <u>Kei</u>

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Olympia	Impia 1½ in.		
Salem	14 in.	312.5 mi,	
Sacramento	Itz in.	375mi.	
Carson City	Itim.	312.5mi,	
Phoenix	21/2 in.	625 mi.	
Denver	24 in.	562.5 mi	
Santa Fe	23 in.	687.5 mi	
Salt Lake City	l in.	250 miles	
Cheyenne	2 in.	500 mi	
Helena	lin.	250 miles	

Inches		12	1 4	34	2	
miles	250	125	62.5	187.5	500	



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Name:

You are making 3 observations about each of the following recipes (total of 9 observations). Compare the ingredients using ratio language. For example, for every 2 cups of peanuts, there is 1 cup of raisins. On the back, write your own recipe showing the ratios of ingredients you would prefer for each of the three recipes. Feel free to add to or delete ingredients which are in the original recipe.

Trail Mix

- 3 cups peanuts
- 2 cups yogurt-covered raisins
- 2 ½ cups M&Ms
- 1 ½ cup almonds
- 1 ¾ cup cashews
- 3 cups dried banana chips

Fruit Salad

- 6 cups watermelon
- 3 cups cantaloupe
- 4 cups honeydew
- 3 ½ cups grapes
- 5 cups strawberries
- 1 cup kiwi

Green Salad

- 8 cups romaine lettuce
- 2 cups chopped tomatoes
- 2 ½ cups chopped yellow bell pepper
- 1 ½ cup shredded carrots
- 1 ¾ cup sliced cucumber
- 1/2 cup sliced almonds



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Trail Mix	1 There are 12 c. almonds for every 3c.
3 cups peanuts	of peanuts. 1.5:3 or 1:2
2 cups yogurt-covered raisins	$\frac{1.5 0.5 }{3 1 2}$
2 ½ cups M&Ms	2. There are 2 c. raising for every 3 c.
1 ½ cup almonds	$\frac{2 1 }{3 2 1 }$
1 ¾ cup cashews	3. There are 3c. peanuts for every 3c.
3 cups dried banana chips	banana chips. 3:3 or 1:1 <u>3 1</u> 3 1
Fruit Salad	The honoridan there are loc.
6 cups watermelon	Watermelon 4:6 or 2:3 or 1:3 or 1:1
	$\frac{4 2 1 }{6 3 2 12}$
3 cups cantaloupe	2. For every 5 c. strawbernes, there are oc.
4 cups honeydew	cantaloupe. 5.3 or 1.3
3 ½ cups grapes	313 Leikiwi, there are 32c.grapes
5 cups strawberries	3. for every 1 L Num
1 cup kiwi	
Green Salad	Thomas in 12 cannots for evenu 20
8 cups romaine lettuce	tomatoes. 1.5:2 or 1:13
2 cups chopped tomatoes	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
2 ¼ cups chopped yellow bell pep	per 2. There are d'z c. bell pepper for every
L ½ cup shredded carrots	8 cups leiluce. 2.5.8 or 1.51801 1.5 2.5 5 0.5 1 1
1 ¾ cup sliced cucumber	8 16 5 16 31
2 cup sliced almonds	3. There are ± c. almonds for every 1支c. canots. 支: 1支 1:3
	0.5