LearnZillion

Compare and convert customary units of weight by creating conversion tables

Practice Set A

Name:

Date:

1. Finish the conversion chart for pounds and ounces.

Pounds	Ounces
1	16
2	
3	
4	
5	
6	
7	
8	

9	

2. It was a very busy night at Treat Time frozen yogurt shop. Stefan needs to fill up all of the containers for the yogurt toppings. How much of each topping does he need to add to make each container full?

Yogurt Topping	How Much is in the Container Now	How Much the Container Holds	How Much Stefan Needs to Add
Cookie pieces	100 oz.	9 lbs.	
Write your equation here:			
Marshmallows	15 oz.	3 lbs.	
Write your equation here:			
Chocolate chips	59 oz.	6 lbs.	
Write your equation here:			
Nuts	80 oz.	5 lbs.	
Write your equation here:			
Jelly candies	17 oz.	2 lbs.	
Write your equation here:			
Sour candies	10 oz.	3 lbs.	
Write your equation here:			

Banana chips	67 oz.	8 lbs.	
Write your equation here:			

3. Complete.

   a. 3 lbs of sour candy is _____ times as many as 1 ounce.

   b. 5 pounds of nuts is _____ times as many as 1 oz.

   c. _____ pounds of jelly candies is 32 times as many as 1 ounce.

4. Stefan says he can't fill up the container of marshmallows because he only has 2 pounds left. Jay tells him he has enough. Who is right? Explain how you know.

Yogurt Topping	How Much is in the Container Now	How Much the Container Holds	How Much Stefan Needs to Add
Marshmallows	15 oz.	3 lbs.	33 oz.

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Answer Key

1. Finish the conversion chart for pounds and ounces.

Pounds	Ounces
1	16
2	32
3	48
4	64
5	80
6	96
7	112
8	128
9	144

2. It was a very busy night at Treat Time frozen yogurt shop. Stefan needs to fill up all of the containers for the yogurt toppings. How much of each topping does he need to add to make each container full?

Yogurt Topping	How Much is in the Container Now	How Much the Container Holds	How Much Stefan Needs to Add
Cookie pieces	100 oz.	9 lbs.	44 oz.
Write your equation here: 144 oz. – 100 oz. = 44 oz.			
Marshmallows	15 oz.	3 lbs.	33 oz.
Write your equation here: 48 oz. – 15 oz. = 33 oz.			
Chocolate chips	59 oz.	6 lbs.	37 oz.
Write your equation here: 96 oz. – 59 oz. = 37 oz.			
Nuts	80 oz.	5 lbs.	0 oz.
Write your equation here: 80 oz. – 80 oz. = 0 oz.			
Jelly candies	17 oz.	2 lbs.	15 oz.
Write your equation here: 32 oz. – 17 oz. = 15 oz.			
Sour candies	10 oz.	3 lbs.	38 oz.
Write your equation here: 48 oz. – 10 oz. = 38 oz.			

Banana chips	67 oz.	8 lbs.	61 oz.
Write your equation here: 128 oz. – 67 oz. = 61 oz.			

3. Complete.
    a. 3 lbs of sour candy is 48 times as many as 1 ounce.

    b. 5 pounds of nuts is 80 times as many as 1 oz.

    c. 2 pounds of jelly candies is 32 times as many as 1 ounce.

4. Stefan says he can't fill up the container of marshmallows because he only has 2 pounds left. Jay tells him he has enough. Who is right? Explain how you know.

Stefan is correct. He needs 33 ounces of marshmallows. He has 2 pounds which is equal to 32 ounces. He is one ounce short of filling up the container with marshmallows.

Students may also observe that 32 ounces is very close to 33 ounces, so the container will likely look full even if there is a little bit less (1 ounce). So, Jay could be right, also, because he's showing that the container will be approximately filled to 3 pounds.