### Which Is the Better Buy? Pairs Compare



**Directions:** Work with a partner to solve the problems below. When you are finished, choose one of the problems and write a recommendation to a friend about which product is the better buy.

SAMPLE PROBLEM:		YOUR PROBLEM:		EXPLAINING YOUR WORK:
You are shopping for your favorite candy, Skittles, at a store. A 12-ounce bag costs \$5.16 while a 9-ounce bag costs \$4.14. Which bag is the better buy?		A regular-size 2.0-liter bottle (68 ounces) of Coca Cola costs \$1.38 while a six pack of cans (12 ounces per can) costs \$1.98. Which is the better buy?		We had to find out which was the 
The second secon	Skittles		a Cola Cola Cola	or
<u>12-ounce bag</u>	9-ounce bag			First, we used the equation
price ÷ ounce =	price ÷ ounce =			·
price/ounce	price/ounce			
\$5.16 ÷ 12 =	\$4.14 ÷ 9 =			Next, we divided <u>the price</u> by <u>the number of units.</u> So, we divided by
\$5.16 ÷ 12 = \$0.43/ounce	\$4.14 ÷ 9 = \$0.46/ounce			We found that the price per of is, (unit) (product) (price) and the price per of is (product) (price)
The <b>12-ounce bag</b> is the better buy because \$0.43/ounce is cheaper than \$0.46/ounce				So, we found that the is the better buy (which product?) because is cheaper (price/unit) than



# **Additional Product**

SAMPLE PROBLEM:		YOUR PROBLEM:	EXPLAINING YOUR WORK:
You are shopping for your a store. A 12-ounce bag co bag costs \$4.14. Which ba	favorite candy, Skittles, at osts \$5.16 while a 9-ounce g is the better buy?		We had to find out which was the 
<u>12-ounce bag</u>	9-ounce bag		First, we used the equation
price ÷ ounce =	price ÷ ounce =		
price/ounce	price/ounce		
\$5.16 ÷ 12 =	\$4.14 ÷ 9 =		Next, we divided <u>the price</u> by <u>the number of units.</u> So, we divided by
\$5.16 ÷ 12 = \$0.43/ounce	\$4.14 ÷ 9 = \$0.46/ounce		We found that the price per of is, (unit) (product) (price) and the price perof (unit) (product) (price)
The <b>12-ounce bag</b> is the better buy because \$0.43/ounce is cheaper than \$0.46/ounce			So, we found that the is the better buy (which product?) because is cheaper (price/unit) than



## **Pairs Compare: Comparing Solutions**

**Directions:** After you have finished both problems, join another pair. Explain your work using the sentences in the righthand column. Then use the sample sentences below to discuss the work. After that, they will share their work with you.

Questions to Ask	Answers to Questions		
<ul><li>What do you think of our work?</li><li>Do you agree with our solution?</li></ul>	<ul><li>We agree with your solution.</li><li>We disagree with your solution because</li></ul>		

If there is a disagreement about any steps in your solution or in the solution of the other pair, circle it and make corrections.

**Directions:** After the other pair has confirmed that your work is correct, write a recommendation with your partner to a friend about which product is the better buy. Look first at the sample writing so that you know how to structure your writing.

### Your Recommendation to a Friend:

### MODEL:

There are two different sizes of <u>Skittles candy</u> you can buy: <u>a 12 ounce bag</u> and <u>a 9 ounce bag</u>. You should definitely buy the <u>12 ounce bag</u> of <u>Skittles</u> because <u>it will cost you only 43 cents an ounce while the 9 ounce bag will cost you 46 cents an ounce</u>. Therefore, you will save <u>3 cents</u> per <u>ounce if you buy the 12 ounce bag</u>.

There are two different sizes of	you car	_ you can buy:		
You should definitely buy the	of	because		
Therefore, you will save	per	 (unit)		