

Name: _____

Decimals, Percents, and Fractions

Chemists are scientists who mix substances together. Some chemists work at food companies! They are in charge of making new flavors for foods. For example, chemists have to figure out what ingredients should be mixed together to make something taste sweet, salty, or sour.

Sometimes, chemists make flavors that people do not like! Take a look at this picture. This person wrote that they do not like the new Zombie Skittles™. They said the flavor for the "Zombie Flesh" skittles™ was gross!



FYI the new Zombie Skittles™ are mostly really good EXCEPT for the one that's suppose to taste like "zombie flesh." 🤢🤮 What an experience.

Below, there are boxes with the names of different snacks. Each box has information about what flavors are in the snack. The combinations of flavors are written in fractions, decimals, or percents. It's your job to convert the given number into the two missing forms. Then, you will take a guess whether people will like the flavor or not!

Here is an example:

Creepy Crawly Crackers

85/100 cheddar cheese

15/100 cricket protein

Decimal: .85

Decimal: .15

Percent: 85%

Percent: 15%

Do you think this flavor will be appealing? Explain why or why not.

I think this flavor will be appealing because people love cheddar cheese! I do not think people will

be able to taste the cricket protein because it only makes up 15% of the flavor.

Write each flavor as a decimal and a percent. Then, explain if you think people will like the flavor.

Snack 1: Summer Delight Brownies

15/100 Strawberry

85/100 Coconut

Decimal:

Decimal:

Percent:

Percent:

Do you think this flavor will be appealing? Explain why or why not.

Snack 2: Haunted Halloween Candy Bars

27/100 Sour Candy

73/100 Pretzel

Decimal:

Decimal:

Percent:

Percent:

Do you think this flavor will be appealing? Explain why or why not.

Name: _____

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Write each flavor as a fraction and a percent. Then, explain if you think people will like the flavor.

Snack 3: Cheeseburger Party Crackers

0.40 Hamburger Meat

0.60 Cheese

Fraction: _____

Fraction: _____

Percent: _____

Percent: _____

Do you think this flavor will be appealing? Explain why or why not.

Snack 4: Parent-Approved Candy Bars

.65 Banana

.25 Raisin

.10 Chocolate

Fraction: _____

Fraction: _____

Fraction: _____

Percent: _____

Percent: _____

Percent: _____

Do you think this flavor will be appealing? Explain why or why not.

Write each flavor as a decimal and a fraction. Then, explain if you think people will like the flavor.

Snack 5: Meaty and Fruity Popsicle

12% Ham

88% Grapefruit

Decimal: _____

Decimal: _____

Fraction: _____

Fraction: _____

Do you think this flavor will be appealing? Explain why or why not.

Snack 6: Peanut Butter and Strawberry Ice Cream

66% Peanut Butter

34% Strawberry

Decimal: _____

Decimal: _____

Fraction: _____

Fraction: _____

Do you think this flavor will be appealing? Explain why or why not.

Follow the steps below to create your own candy bar!

Step 1: Choose three crazy flavors for a new candy bar. Write them on the lines below.

Flavor 1: _____

Flavor 2: _____

Flavor 3: _____

Step 2: Write the percent of each flavor that is in the candy bar. Then, write each flavor as a decimal and a fraction.

Percent: _____ %

Percent: _____ %

Percent: _____ %

Decimal: _____ Fraction: _____

Decimal: _____ Fraction: _____

Decimal: _____ Fraction: _____

Step 3: Name your candy bar and explain if you think people will like the flavor.

Do you think this flavor will be appealing? Explain why or why not.