

ACTIVITY SHEET - Fractions


Cake in a Mug - Fraction Operations!

DO THIS ACTIVITY WITH AN ADULT!

Solve the following problems. The answer to each problem tells you how much of each ingredient you need to make the Cake in a Mug!

Remember: Numerator
Denominator

The directions are at the bottom of the page - good luck!

Problem	Answer	Ingredient
$1/8 + 2/8 =$	Place the numerator in the blank. →	_____ tablespoons of all-purpose flour
$3/4 + 1/4 + 2 =$	Place the answer in the blank. →	_____ tablespoons of sugar
$7/7 + 7/7 =$	Place the answer in the blank. →	_____ tablespoons of cocoa powder
$3/4 - 1/2 =$	Place the answer in the blank. →	_____ teaspoon of baking powder
Look at the word "CAT" What fraction of the letters are a vowel?	Place the denominator in the blank. →	_____ tablespoons of milk
$2/3 - 1/3 =$	Place the denominator in the blank. →	_____ tablespoons of vegetable oil
What fraction is NOT shaded? 	Place the numerator in the blank. →	_____ tablespoons of chocolate chips

Ingredients needed: Flour, sugar, cocoa powder, baking soda, milk, vegetable oil, chocolate chips (Vanilla optional)

Directions

Combine the flour, sugar, cocoa powder, baking powder and a pinch of salt in a microwave-safe mug. Blend well with a fork. Add the milk, vegetable oil and a splash of vanilla. Blend until smooth. Mix in the chocolate chips. Microwave on high for 1 minute 30 seconds. Do not overcook or the cake will be dry. Let cool at least 5 minutes before eating. Add any extra toppings as desired.