

ACTIVITY SHEET - Number & Operations—Fractions



Cake in a Mug - Fraction Operations!

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

| Problem | Answer | Ingredients |
|------------------------------------|--------|--|
| $1\frac{7}{9} + 1\frac{4}{18}$ | | _____ tablespoons of all-purpose flour |
| $4\frac{4}{5} - 1\frac{16}{20}$ | | _____ tablespoons of sugar |
| $\frac{5}{6} + \frac{14}{12}$ | | _____ tablespoons of cocoa powder |
| $5 \times \frac{1}{20}$ | | _____ teaspoon of baking powder |
| $5\frac{1}{2} \div \frac{11}{6}$ | | _____ tablespoons of milk |
| $\frac{10}{3} \times \frac{9}{10}$ | | _____ tablespoons of vegetable oil |
| $1\frac{5}{8} \div \frac{13}{24}$ | | _____ 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 for 5 minutes before eating. Add any extra toppings as desired.