

A 5th Grade Math Worksheet

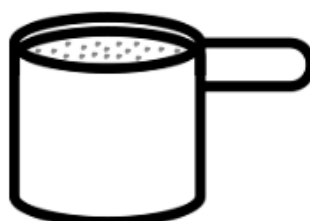
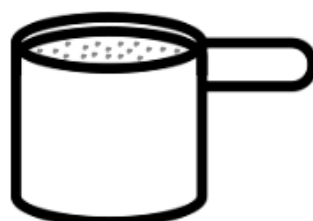
A 5th Grade Math Worksheet

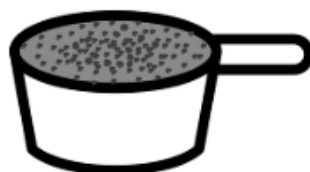
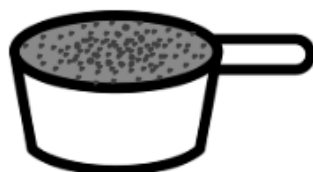


Let's Make a Cake!

Add the fractions together to find the recipe for the cake!

 $\frac{1}{2}$ $+$  $\frac{1}{2}$ $=$

tsp $\frac{2}{3}$ $+$  $\frac{2}{3}$ $=$

cup $\frac{1}{3}$ $+$  $\frac{1}{3}$ $=$

cup $\frac{3}{4}$ $+$  $\frac{3}{4}$ $=$

tsp

Let's Make a Cake!

Add the fractions together to find the recipe for the cake!



$$\frac{1}{8}$$

+



$$\frac{1}{2}$$

=

_____ **tsp**



$$\frac{1}{2}$$

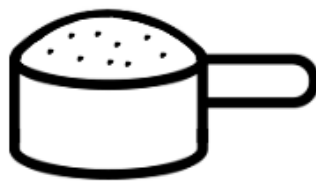
+



$$\frac{1}{6}$$

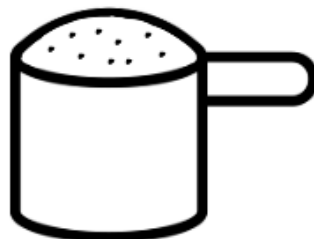
=

_____ **cup**



$$\frac{1}{2}$$

+



$$\frac{3}{4}$$

=

_____ **cup**



$$\frac{1}{2}$$

+



$$\frac{1}{4}$$

=

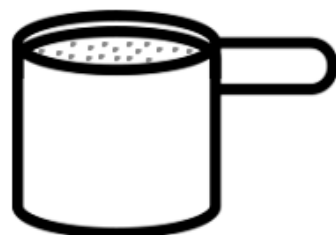
_____ **cup**

Let's Make a Cake!

Uh oh, we only need half the cake! Multiply the ingredients by the corresponding fraction!



$$2 \times \frac{1}{4} = \underline{\hspace{2cm}} \text{ tsp}$$



$$5 \times \frac{1}{5} = \underline{\hspace{2cm}} \text{ cup}$$



$$2 \times \frac{1}{6} = \underline{\hspace{2cm}} \text{ cup}$$



$$2 \times \frac{7}{16} = \underline{\hspace{2cm}} \text{ tsp}$$

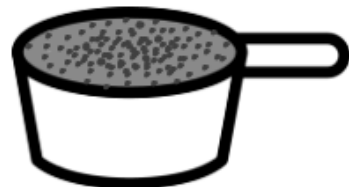


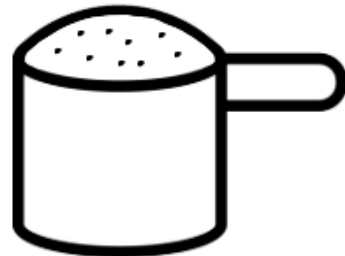
$$3 \times \frac{1}{2} = \underline{\hspace{2cm}} \text{ eggs}$$

Let's Make a Cake!

Uh oh, we only need half the cake! Multiply the ingredients by the corresponding fraction!


$$\frac{2}{3} \times \frac{3}{4} = \underline{\hspace{2cm}} \text{ tsp}$$

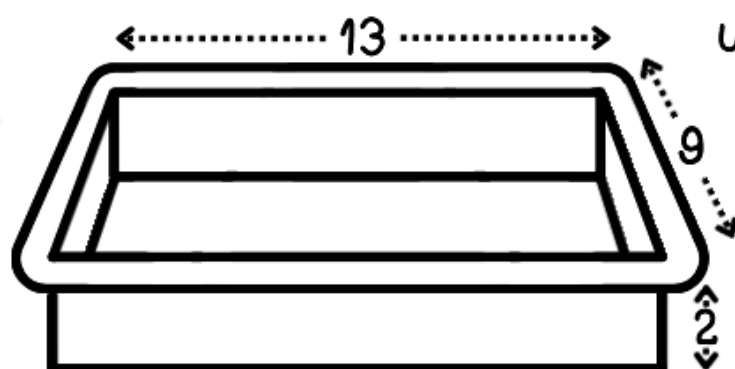

$$\frac{2}{3} \times \frac{1}{2} = \underline{\hspace{2cm}} \text{ cup}$$


$$\frac{7}{2} \times \frac{1}{4} = \underline{\hspace{2cm}} \text{ cup}$$


$$\frac{5}{2} \times \frac{1}{5} = \underline{\hspace{2cm}} \text{ cup}$$

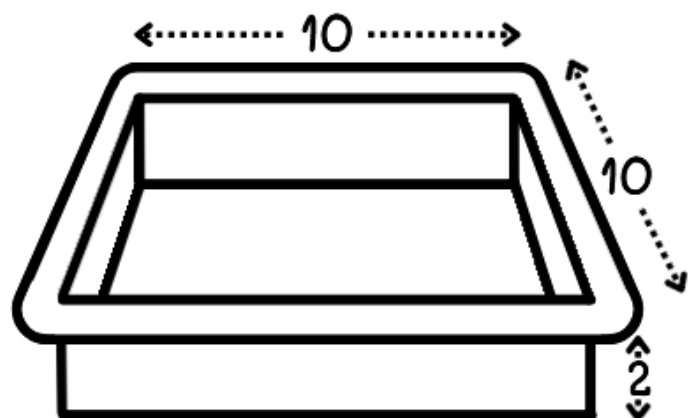
Let's Make a Cake!

The batter will take up 120 in^3 . Circle which pan we should use.



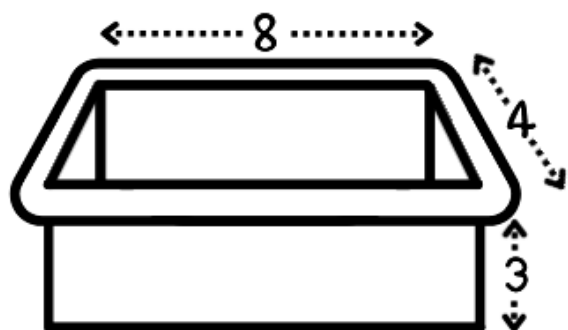
=

_____ in^3



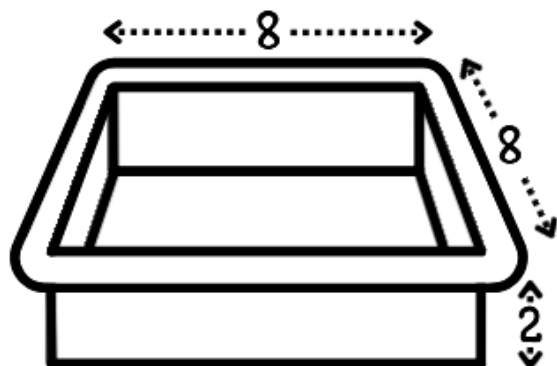
=

_____ in^3



=

_____ in^3



=

_____ in^3

Let's Make a Cake!

Our current recipe uses 1 cup of flour. We want to double the recipe. How much flour will we need?

This recipe bakes at 350°F . If we use it to make cupcakes with a round top, we will need to raise the temperature by 25°F . What temperature would that be?

This recipe bakes for 35 minutes, however, cupcakes bake 10% faster than regular cakes. If we do decide to make cupcakes, how much time should we bake it for?

If the recipe makes 120 in^3 of batter, and each cupcake is 10 in^3 , how many cupcakes will this recipe make?

Let's Make a Cake!

This recipe bakes at 350°F . Use long division to find that temperature. Circle your answer.

$$5 \overline{)700}$$

$$19 \overline{)7125}$$

$$25 \overline{)1075}$$

$$6 \overline{)402}$$

$$13 \overline{)546}$$

$$4 \overline{)1400}$$

$$2 \overline{)550}$$

$$11 \overline{)3575}$$

Devil's Food Cake

Temperature: 350°F

Prep time: 20 min

Bake time: 35 min

Total time: 55 min

Two 9-inch round pans

OR

Two 8-inch square pans

Ingredients
2 c flour
2/3 c cocoa
7/4 tsp baking powder
1 tsp salt
7/4 c sugar
2/3 c butter
1 tsp vanilla
1 c milk
3 eggs

Instructions:

1. Preheat oven to 350°F.
2. Grease and flour both pans.
3. In a large bowl, whisk together flour, cocoa, baking powder, salt, and sugar.
4. Melt butter in microwave or saucepan.
5. Add melted butter, vanilla, milk, and eggs to the bowl.
6. Pour batter into prepared pans
7. Bake for 35 minutes.

Tutor (316)

About Us

Tutor (316) is dedicated to enhancing children's literacy and mathematical development. Tutor (316) partners with local elementary schools to support elementary students in their classrooms and after-school programs.

Contact

Teri Killingsworth, Program Coordinator

teri.killingsworth@wichita.edu

Visit our website at:

wichita.edu/tutor316info



WICHITA STATE
UNIVERSITY