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Starting in 2023...
-Recommended at county fairs
-Required at the State Fair


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Record weights of ingredients
-Pour/place ingredient into the bowl and take the measurement in grams.

- Write down the gram weight
- After measuring and weighing all ingredients
- Add up all measurements to get total weight in grams
- Add all sugars for total weight of sugar in grams


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## Reference Chart Tips

- Use Grams
- Must calculate measurements for those not listed - Powdered (Confectioner' Sugar): 2 cup = 227 grams - If recipe calls for $32 / 3$ cup powdered sugar, then...
- 3 cup $=227$ grams +113.5 grams $=340.5$

2/3 cup (or . 66 cup) $=74.91$ grams

- .66 * $113.5=74.91$ grams
- Total for $32 / 3$ cup powdered sugar $=415.41$ grams


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(14)

Option \#2
Ingredient Weight
Chart

Ingredient Weight Chart



Quick reference chart for common ingredients
https://www.kingarthurbaking.com/learn/ingredient-weight-char


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## Reference Chart Tips

- Solve the ratio...
- Recipe calls for $2 / 3$ cups cocoa
- Reference chart: $1 / 2$ cup cocoa $=42$ grams
- Use a ratio to calculate grams for $2 / 3$ cups cocoa

$$
\frac{0.5 \text { cup }}{42 \mathrm{~g}}=\frac{0.66 \text { cup }}{X \mathrm{~g}}
$$

- Solve for $X$
$>0.66$ cup * $42 \mathrm{~g} \div 0.5$ cup $=55.44 \mathrm{~g}$


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Record weights of ingredients

- After conversion...
- Add up all measurements to get total weight in grams
- Add all sugars for total weight of sugar in grams


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Option \#4 Use Google

Google the ingredient
in household
measurement to
convert to grams

## Google



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Record weights of ingredients

- After conversion...
- Add up all measurements to get total weight in grams
- Add all sugars for total weight of sugar in grams


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For More Information and Example Calculations...

- Food Safety of Frostings and Fillings
- https://www.rrc.k-
state.edu/judging/index.html
- KSRE Publication MF3544


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Calculating Frostings and Fillings

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