

Culinary Math Metric Food Cost Exercise

Carrot Cake – serves 12 – food cost % is 22%

<u>Measurement</u>	<u>Ingredient</u>
16 oz	Flour
2 tsp	Baking Powder
1 ¼ tsp	Baking Soda
½ tsp	Salt
1 ½ tsp	Cinnamon
1 ¼ c	Vegetable Oil
20 oz	Sugar
2 ½ c	Shredded Carrots
12 oz	Pineapple, Crushed
1 c	Walnuts, Chopped
1 c	Raisins
4	Eggs

Purchased Costs

Ingredient	APC	Yield	
Flour	\$4.40/30kg	100%	
Baking Powder	\$1.45/0.4kg	100%	1 T = ½ oz
Baking Soda	\$2.21/0.5kg	100%	1 T = ½ oz
Salt	\$0.40/kg	100%	1 T = 2/3 oz
Cinnamon	\$3.00/2kg	100%	1 T = ¼ oz
Vegetable Oil	\$2.80/1.5L	100%	
Sugar	\$7.55/35kg	100%	
Shredded Carrots	\$1.75/kg	82%	5 1/3 oz = 1 c
Pineapple, Crushed	\$1.50/ea	52%	1 ea = 1.8 kg
Walnuts, Chopped	\$48.09/5kg	100%	4 oz = 1 c
Raisins	\$11.50/5kg	100%	5 1/3 oz = 1 c
Eggs	\$0.79/dozen	100%	