

Math Workshop

Fill the correct conversions:

- 1.) 48 fl oz = _____ qt
- 2.) 4 1/2 lb = _____ oz
- 3.) 1 1/2 cups = _____ fl oz
- 4.) 1 3/4 pts = _____ fl oz
- 5.) 20 oz. = _____ lb

EP Weight Desired-

- Trimming Loss

1) Apples-75% 2) Grapefruit-50% 3) Grapes-80%

AP Weight Needed

	EP weight desired-	AP Weight Needed
1. Grapefruit, section	1 lb 4 oz	_____
2. Apples	5 lb	_____
3. Grapes	1 lb 8 oz	_____

Baker's Percentages

Water	_____	40 %
Yeast	_____	5%
Shortening	_____	25%
Sugar	_____	20%
Salt	_____	1.25%
Eggs	_____	15%
Bread Flour	3 # 12 oz	75%
Bread Flour	1 # 4 oz.	25%

Give the following factors, calculate the water temperature needed to make a mixed dough with a temperature of 75 F

- Flour temperature = **70 F**
- Room temperature = **73F**
- Machine friction = **20F**
- Water friction = _____

A formula requiring 450g yeast has a fermentation time of 2 hours at 27 C. How much yeast is required if you want to reduce the fermentation time to 90 minutes.?
