4.2 Notes - Mass Imperial

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4.2 Mass in the Imperial System (USA)

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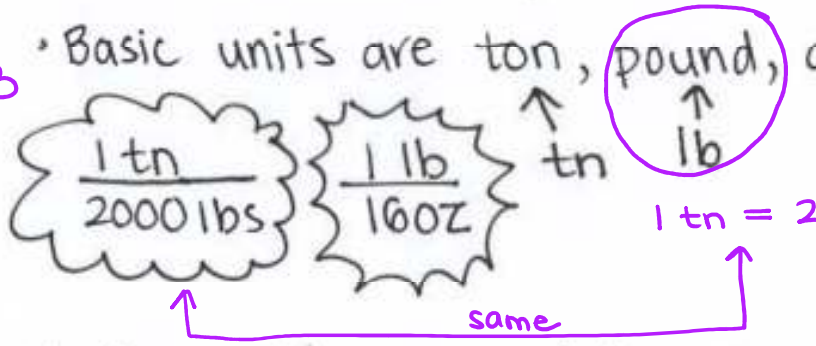
- Basic units are ton, pound, and ounce.



1 lb = 16 oz

1 lb / 1 LB — lb

1. Convert 37 oz into pounds and oz.

$\frac{1\ LB}{16\ oz} = \frac{0.3125}{x}$

-16 | 1 LB
21
-16 | 1 LB
5 oz

2 LB 5 oz

2. What is the better buy? 12 oz for $6.80 or 16 oz for $7.95. Money goes on TOP!

$\frac{\$6.80}{12\ oz} = \frac{x\ 57¢}{1\ oz}$ $\frac{\$7.95}{16\ oz} = \frac{y\ 50¢}{1\ oz.}$ compare unit rate

OR: $\frac{\$6.80}{12\ oz} = \frac{x\ \$9.07}{16\ oz}$

3. Paint costs $13 for 3.5 oz. You use 1 lb on your most recent painting. How much would that cost?

$\frac{\$13}{3.5\ oz} = \frac{x}{0.21875\ LB}$

$\frac{\$13}{3.5\ oz} = \frac{x}{16\ oz}$ $59.43

1 LB = 16 oz

Convert $\frac{3.5\ oz}{x\ LB} = \frac{16\ oz}{1\ LB}$

0.21875

Complete 4.2 Build Skills #1-6 and 10-12
Practice New Skills #1-4 and 6,7.