

Weights and Measures

Martha is making black bean soup for a family picnic. She needs 8 batches. Multiply the amount of each ingredient by 8. Then, convert to the given units.

Black Bean Soup (Customary Measure)	
<u>1 Batch</u>	<u>8 Batches</u>
1 lb black beans	oz
1/2 lb smoked ham hocks	lb
2 quarts water	gal
2 cups beef broth	qt
1 cup tomato sauce	pt

Black Bean Soup (Metric Measure)	
<u>1 Batch</u>	<u>8 Batches</u>
250 g black beans	kg
125 g smoked ham hocks	kg
2 L water	mL
500 mL beef broth	L
250 mL tomato sauce	L

Convert these animal weights in customary units.

Animal	Weight (lb)	Weight (oz)
Chicken	6 lb	
Otter		208 oz
Bobcat	18 lb	
Porcupine		400 oz
Coyote	75 lb	
Alligator		2,400 oz

Convert these animal weights in metric units.

Animal	Weight (kg)	Weight (g)
Chicken		3,000 g
Otter	6 kg	
Bobcat	8 kg	
Porcupine		11,000 g
Coyote	34 kg	
Alligator		68,000 g

Convert these animal weights in customary units.

Animal	Weight (T)	Weight (lb)
Tractor	8 T	
Indian elephant		8,000 lb