



Chem Skills Worksheet #8: Dimensional Analysis

16 oz = 1 lb

1 in = 2.54 cm

2000lbs = 1 ton

15 birds = 1 dog

1oz = 28.35 g

1 ft = 12 in

1 cm³ = 1 mL

6 birds = 1 cat

1kg = 2.2 lbs

1 mile = 1.61 km

1 gallon = 4 qts

4 birds = 1 frog

1 L = 1.06 qts

1 mile = 1760 yds

1. 3.61 lbs to kg

2. 0.43 oz to grams

3. 860.0 g to pounds (lbs)

4. 4760 kg to tons

5. 83.6 in to cm

6. 713 ft to meters

7. 27.3 m to in.

8. 0.635 mm to inches

9. 3.17 gal to liters

11. 0.821 qts to ml

12. 81.6 ml to qts

13. 30.2 L to gal

14. 54.5cm³ to mL

15. 150.0 cm³ to Liters

16. 243 cm³ to dm³

17. 7 dogs to cats

18. 4 cats to frogs

19. 3 frogs to dogs

