

Conversions and Dosage calculations

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|-----|---------|-------------|-----|----------|-------------|
| 1. | 2.5 gm | = _____ mg | 11. | 10 oz | = _____ ml |
| 2. | 0.25 gm | = _____ mg | 12. | 3 tbsp | = _____ ml |
| 3. | 50 mcg | = _____ mg | 13. | 300 cc | = _____ oz |
| 4. | 25 mg | = _____ mcg | 14. | 6 tsp | = _____ ml |
| 5. | 0.04 mg | = _____ mcg | 15. | 60 ml | = _____ oz |
| 6. | 4 mcg | = _____ mg | 16. | 20 cc | = _____ tsp |
| 7. | 12 L | = _____ cc | 17. | gr III | = _____ mg |
| 8. | 510 ml | = _____ cc | 18. | gr XV | = _____ mg |
| 9. | 5000 cc | = _____ L | 19. | gr 1/8 | = _____ mg |
| 10. | 195 lbs | = _____ kg | 20. | gr 1/300 | = _____ mg |

21. An order calls for 400mg of Aminophylline injection. Available in stock is 500mg/20ml. How many ml will you dispense?

22. An order calls for 0.1 Gm of Solu-Medrol injection. Available in stock is 125mg/2ml. How many ml will you dispense?

23. An order calls for 60mg of Gentamicin injection. Available in stock is 80mg/2ml vial. How many ml will you dispense?

24. An order calls for 0.25 Gm of Elixophylline oral solution. In stock is 80mg/15ml. How many ml will you dispense? (Round answer to one decimal place)

25. The label of a liquid medication reads: Each 5ml contains Phenobarbital 25mg. How many mg of Phenobarbital are there in a 4 oz bottle?

26. A doctor ordered Atropine 0.5mg. The medication comes as 1mg per 1ml. How many ml will you dispense?

27. A doctor ordered 0.2mg of Scopolamine. The medication comes as 50mcg per 0.5ml. How many ml will you dispense?

28. Digoxin comes in a concentration of 0.1mg per ml. How many ml will you dispense for an order of 75 mcg?

29. A doctor ordered 0.5mg of Digoxin. The medication comes as 100mcg per 0.5ml. How many ml will you dispense?

30. An order calls for gr 1/4 of a medication. The medication is available as 5mg per 5ml. How many ml will you give?

31. A prescription calls for Ampicillin Oral Suspension, 250mg/5ml, 1 tsp po qid x 10d. How many ml will you dispense to fill this prescription?

32. Potassium Chloride oral solution comes in 20 mEq/15ml. An order calls for 30 mEq of KCL oral liquid. How many ml will you give?

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1. 30mg = _____ gr
 2. 90Gm = _____ mg
 3. 10cc = _____ ml
 4. 5tsp = _____ ml
 5. 2000mg = _____ Gm
 6. 3000mg = _____ mg
 7. 1L = _____ ml
 8. 3tbsp = _____ ml
 9. 0.5L = _____ cc
 10. 500mg = _____ Gm
 11. 0.25Gm = _____ mg
 12. 30ml = _____ tbsp
 13. gr IV = _____ mg
 14. 300mg = _____ gr
 15. gr 1/3 = _____ mg
 16. 0.3Gm = _____ mg
 17. 10ml = _____ tsp
 18. 2oz = _____ Gm
 19. 30ml = _____ oz
 20. 1tbsp = _____ tsp