

LVN-RN Acid Base Worksheet

Name: _____EnaLisa Morales_____

Please indicate if the following are Respiratory Acidosis, Respiratory Alkalosis, Metabolic Acidosis, or Metabolic Alkalosis. Also indicate if we have no compensation, partial compensation, or full compensation.

1. pH 7.21 metabolic acidosis c no comp
CO2 35
HCO3 16

2. pH 7.52 metabolic alkalosis c no comp
CO2 40
HCO3 32

3. pH 7.31 resp acidosis c no comp
CO2 60
HCO3 22

4. pH 7.6 resp alkalosis c no comp
CO2 30
HCO3 26

5. pH 7.35 resp acidosis c full comp
CO2 64
HCO3 32

6. pH 7.45 resp alkalosis c full comp
CO2 27
HCO3 20

7. pH 7.38 metabolic acidosis c full comp
CO2 27
HCO3 16

8. pH 7.43 metabolic alkalosis c full comp
CO2 56
HCO3 33

LVN-RN Acid Base Worksheet

9. pH 7.31
CO₂ 52
HCO₃ 30

10. pH 7.53
CO₂ 28
HCO₃ 18

11. pH 7.22
CO₂ 26
HCO₃ 14

12. pH 7.56
CO₂ 51
HCO₃ 35

13. pH 7.43
CO₂ 50
HCO₃ 32

14. pH 7.50
CO₂ 36
HCO₃ 27

15. pH 7.42
CO₂ 16
HCO₃ 10

16. pH 7.52
CO₂ 30
HCO₃ 24

17. pH 7.50
CO₂ 30
HCO₃ 23

LVN-RN Acid Base Worksheet

18. pH 7.30
CO₂ 55
HCO₃ 26

19. pH 7.51
CO₂ 18
HCO₃ 14

20. pH 7.33
CO₂ 38
HCO₃ 19

21. pH 7.29
CO₂ 49
HCO₃ 23

22. pH 7.22
CO₂ 23
HCO₃ 9

23. pH 7.28
CO₂ 18
HCO₃ 8

24. pH 7.33
CO₂ 15
HCO₃ 8

25. pH 7.46
CO₂ 57
HCO₃ 39