

BASIC PHARMACOLOGY FOR NURSING

FRACTIONS

1. $\frac{2}{5} + \frac{3}{5} =$

- a. 1
- b. $1 \frac{1}{5}$
- c. $\frac{1}{2}$
- d. $\frac{3}{10}$

2. $\frac{4}{5} + \frac{1}{3} =$

- a. $\frac{5}{12}$
- b. $\frac{1}{5}$
- c. $1 \frac{2}{15}$
- d. $\frac{5}{8}$

3. $2 \frac{1}{4} + 4 \frac{1}{6} =$

- a. $6 \frac{1}{12}$
- b. $6 \frac{5}{12}$
- c. $4 \frac{3}{4}$
- d. $6 \frac{2}{9}$

4. $\frac{4}{5} - \frac{1}{4} =$

- a. 3
- b. $\frac{1}{5}$
- c. $\frac{3}{5}$
- d. $\frac{11}{20}$

5. $\frac{7}{10} - \frac{1}{2} =$

- a. $\frac{3}{4}$
- b. $\frac{3}{5}$
- c. $\frac{1}{5}$
- d. $\frac{5}{7}$

6. $2 \frac{7}{8} - 1 \frac{5}{6} =$

- a. $1 \frac{1}{24}$
- b. $\frac{1}{25}$
- c. 2
- d. $1 \frac{20}{21}$

7. $\frac{1}{3} \times \frac{4}{5} =$

- a. $2 \frac{2}{5}$
- b. $\frac{4}{15}$
- c. $\frac{5}{8}$
- d. $1 \frac{1}{5}$

8. $\frac{7}{8} \times \frac{2}{3} =$

- a. $\frac{16}{21}$
- b. $1 \frac{1}{16}$
- c. $\frac{7}{12}$
- d. $1 \frac{3}{11}$

9. $\frac{1}{3} + \frac{1}{2} =$

- a. $\frac{2}{3}$
- b. $\frac{1}{5}$
- c. $\frac{2}{5}$
- d. $1 \frac{1}{3}$

10. $\frac{9}{10} + \frac{2}{3} =$

- a. $\frac{3}{5}$
- b. $1 \frac{7}{20}$
- c. $1 \frac{1}{12}$
- d. $\frac{7}{8}$

DECIMALS

11. $0.9 + 0.6 =$

- a. 0.3
- b. 1.4
- c. 1.5
- d. 0.085

12. $3.27 + 0.08 =$

- a. 3.21
- b. 3.35
- c. 4.62
- d. 1.81

13. $5.37 + 1.8 =$
a. 6
b. 6.18
c. 4.32
d. 7.17
14. $0.45 - 0.15 =$
a. 0.78
b. 0.193
c. 7.78
d. 0.3
15. $4.754 - 2.896 =$
a. 0.142
b. 2.0
c. 1.58
d. 2.942
16. $64.3 - 21.2 =$
a. 54.1
b. 43.1
c. 85.5
d. 43.6
17. $3.15 \times 0.016 =$
a. 0.504
b. 0.0504
c. 0.5
d. 0.43
18. $1.19 \times 0.127 =$
a. 0.513
b. 0.15113
c. 0.0151
d. 0.162
19. $135 + 8.4 =$
a. 1.8
b. 16.071428
c. 160.71428
d. 1.6

20. $1.35 \div 60 =$

- a. 0.035
- b. 0.0225
- c. 0.225
- d. 2.250

PERCENTS

21. 10% of 1000 =

- a. 10.0
- b. 1.0
- c. 10
- d. 100

22. 2% of 150 =

- a. 150
- b. 3.0
- c. 30
- d. 300

23. 3% of 40.8 =

- a. 120
- b. 122.4
- c. 12.22
- d. 1.224

24. 130% of 300 =

- a. 3.9
- b. 390
- c. 39
- d. 3

25. 0.5% of 9328 =

- a. 46.64
- b. 466.4
- c. 4.664
- d. 93.28

26. 11% of 88 =
a. 9.68
b. 96.8
c. 0.968
d. 9
27. 2/5% of 52 =
a. 10.4
b. 0.208
c. 2.08
d. 5.2
28. 45% of 24.27 =
a. 10
b. 109.215
c. 1.09215
d. 10.9215
29. 7.5% of 261 =
a. 195.75
b. 1.9575
c. 19.575
d. 20
30. 3.5% of 650 =
a. 2.275
b. 22.75
c. 227.5
d. 23

PROPORTIONS

31. 30 : 600 :: X : 150: _____
32. 16 : X :: 45 : 15: _____
33. 14 : X :: 28 : 7: _____
34. 25 : 40 :: 75.5 : X: _____
35. 125 : 20 :: 300 : X: _____
36. X : 0.7 :: 21.21 : 3: _____
37. X : 0.54 :: 0.6 : 0.8: _____
38. 2/3 : X :: 8/9 : 12: _____

39. $X : \frac{1}{4} :: \frac{3}{4} : 32$: _____

40. $33\% : 66 :: X\% : 15$: _____

RATIOS

41. Change $\frac{3}{8}/\frac{5}{12}$ to a ratio: _____

42. Change $\frac{1}{7}/\frac{4}{21}$ to a ratio: _____

43. Change 0.12 to a ratio: _____

44. Change 1.66 to a ratio: _____

45. Change 27% to a ratio: _____

46. Change $\frac{2}{7}\%$ to a ratio: _____

47. Change 25 : 100 to a fraction: _____

48. Change $\frac{3}{10} : \frac{2}{5}$ to a fraction: _____

49. Change 7 : 20 to a decimal number: _____

50. Change 35 : 14 to a decimal number: _____