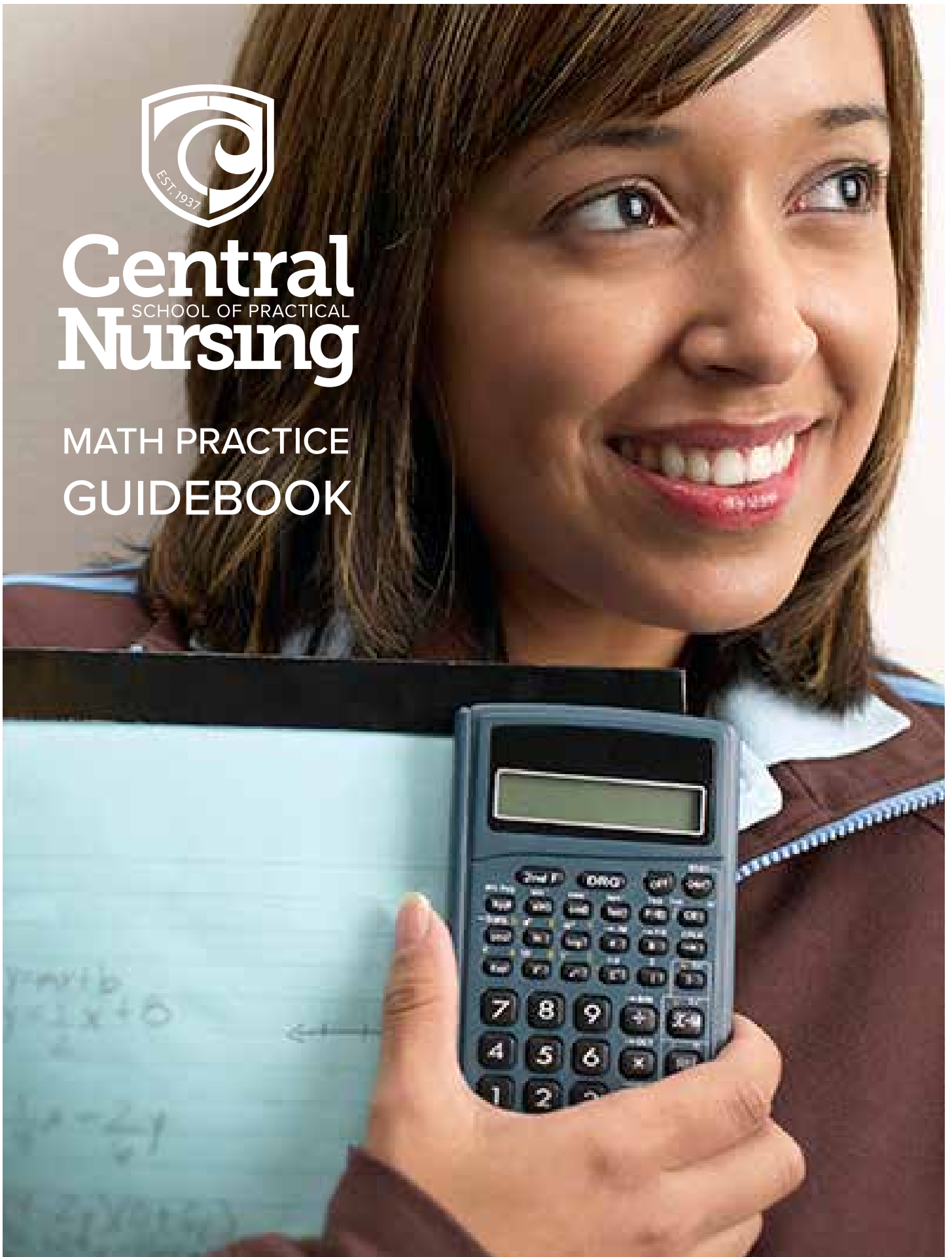




Central SCHOOL OF PRACTICAL Nursing

MATH PRACTICE GUIDEBOOK



CSPN Entrance Practice

Add, subtract, multiple, or divide the following:

1. $1.03 + 0.01 =$ _____

2. $0.25 + 0.51 =$ _____

3. $7.66 + 3.44 =$ _____

4. $23.01 + 17.46 =$ _____

5. $5.2 + 4.69 =$ _____

6. $6.41 - 5.09 =$ _____

7. $1.05 - 0.72 =$ _____

8. $1.6 - 0.03 =$ _____

9. $0.7 - 0.35 =$ _____

10. $4.75 - 2.19 =$ _____

11. $4.5 \times 1.7 =$ _____

12. $0.1 \times 1.45 =$ _____

13. $7.6 \times 2.4 =$ _____

14. $2.22 \times 6.5 =$ _____

15. $0.3 \times 4.5 =$ _____

CSPN Entrance Practice

16. $0.3 \times 0.03 =$ _____

17. $8.3 \times 1.1 =$ _____

18. $3.63 \times 2.1 =$ _____

19. $9.2 \times 0.7 =$ _____

20. $5.34 \times 0.4 =$ _____

21. $2.6 \times 0.04 =$ _____

22. $0.3 \times 3.6 =$ _____

23. $5.12 \times 0.02 =$ _____

Reduce all fractions to the lowest term(s):

24. $\frac{20}{6} =$ _____

25. $\frac{140}{15} =$ _____

26. $\frac{82}{16} =$ _____

27. Solve the equation and express the answer to the nearest **tenth**:

$$\frac{3}{5} \times \frac{2}{3} = \text{_____}$$

28. Solve the equation and express the answer to the nearest **hundredth**:

$$\frac{12}{7} \times \frac{11}{5} = \text{_____}$$

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37. Amanda is setting up 5 remote control cars. She uses a total of 20 batteries.

How many batteries does each car need? _____

(Assume each car needs the same number of batteries.)

38. Juan read 15 pages in his book today. Maria read 3 times as many pages as Juan.

How many pages did Maria read? _____

CSPN Entrance Practice

CSPN Entrance Practice Answer Section

1. ANS:
1.04

$$\begin{array}{r} 1.03 \\ + 0.01 \\ \hline 1.04 \end{array}$$

2. ANS:
0.76

$$\begin{array}{r} 0.25 \\ + 0.51 \\ \hline 0.76 \end{array}$$

3. ANS:
11.10

$$\begin{array}{r} 7.66 \\ + 3.44 \\ \hline 11.10 \end{array}$$

4. ANS:
40.47

$$\begin{array}{r} 23.01 \\ + 17.46 \\ \hline 40.47 \end{array}$$

5. ANS:
9.89

$$\begin{array}{r} 5.20 \\ + 4.69 \\ \hline 9.89 \end{array}$$

6. ANS:
1.32

CSPN Entrance Practice

$$\begin{array}{r} 6.41 \\ - 5.09 \\ \hline 1.32 \end{array}$$

7. ANS:
0.33

$$\begin{array}{r} 1.05 \\ - 0.72 \\ \hline 0.33 \end{array}$$

8. ANS:
1.57

$$\begin{array}{r} 1.60 \\ - 0.03 \\ \hline 1.57 \end{array}$$

9. ANS:
0.35

$$\begin{array}{r} 0.70 \\ - 0.35 \\ \hline 0.35 \end{array}$$

10. ANS:
2.56

$$\begin{array}{r} 4.75 \\ - 2.19 \\ \hline 2.56 \end{array}$$

11. ANS: 7.65

12. ANS: 0.145

13. ANS: 18.24

14. ANS: 14.43

15. ANS: 1.35

16. ANS: 0.009

CSPN Entrance Practice

17. ANS: 9.13

18. ANS: 7.623

19. ANS: 6.44

20. ANS: 2.136

21. ANS:
0.104

$$\begin{array}{r} 2.6 \\ \times 0.04 \\ \hline 0.104 \end{array}$$

22. ANS:
1.08

$$\begin{array}{r} 0.3 \\ \times 3.6 \\ \hline 1.08 \end{array}$$

23. ANS:
0.1024

$$\begin{array}{r} 5.12 \\ \times 0.02 \\ \hline 0.1024 \end{array}$$

24. ANS:
 $\frac{10}{3}$

$$\frac{20}{6} = \frac{10}{3} \text{ or } 3 \frac{1}{3}$$

25. ANS:
 $\frac{28}{3}$

$$\frac{140}{15} = \frac{28}{3} \text{ or } 9 \frac{1}{3}$$

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26. ANS:
41/8

$$\frac{82}{16} = \frac{41}{8} \text{ or } 5 \frac{1}{8}$$

27. ANS:
0.4

$$3 \times 2 \div 5 \div 3 = 0.4$$

28. ANS:
3.77

$$12 \times 11 \div 7 \div 5 = 3.771 = 3.77$$

29. ANS:
1.17

$$2 \times 7 \div 3 \div 4 = 1.166 = 1.17$$

30. ANS: 89.35

31. ANS: 77%

32. ANS: 0.15

33. ANS: 18.75

34. ANS: 162.84

SHORT ANSWER

35. ANS: 0.167 1.61 16.7

36. Two of the six areas must be shaded.

37. 4

38. 45