

# ANSWER KEY

## GUIDED PRACTICE Lesson 1 – Whole Numbers Addition and Subtraction

1. With a partner, solve each problem using both the traditional algorithm and show your work by drawing a model. For each problem, write a brief number story that illustrates it, using a situation that could happen in healthcare.

| Problem 1  | Model   | Number Story       |
|--|---|--------------------|
| Solve.<br>$1+4+5+9 =$<br>$\begin{array}{r} 1 \\ 4 \\ 5 \\ +9 \\ \hline 19 \end{array}$ |   | Answers will vary. |
| Problem 1  | Model   | Number Story       |
| Solve.<br>$176-38 =$<br>$\begin{array}{r} 6 \\ 176 \\ - 38 \\ \hline 138 \end{array}$  | <p>1 hundred, 3 tens,<br/>8 ones left = 138</p> | Answers will vary. |

Complete the following problems from:  
Math Basics for the Health Care Professional


Page 13 – Applications  
# 1

Page 15 – Applications  
#1, 2

# ANSWER KEY

## GUIDED PRACTICE Lesson 1 – Whole Numbers Multiplication and Division

1. With a partner, solve each problem using both the traditional algorithm and show your work by drawing a model. For each problem, write a brief number story that illustrates it, using a situation that could happen in healthcare.

| Problem 1  | Model  | Number Story          |
|--|--|-----------------------|
| Solve.<br>$128 \times 4 =$<br>$\begin{array}{r} 128 \\ \times 4 \\ \hline 512 \end{array}$                         | Answers will vary.<br>Could be 4 groups<br>of 128, or $100 \times 4$ ,<br>$20 \times 4$ , and $8 \times 4$ . | Answers will<br>vary. |
| Problem 1  | Model  | Number Story          |
| Solve.<br>$17 \div 3 =$<br>$\begin{array}{r} 5 \text{ R}2 \\ 3 \overline{)17} \\ \underline{-15} \\ 2 \end{array}$ |                            | Answers will<br>vary. |

Complete the following problems from:  
Math Basics for the Health Care Professional

Page 17 – Applications  
#2

Page 20 – Applications  
#1, 2, 3