



Addition Algorithm & More page 1 of 2

- 1** Solve the problems below using the traditional algorithm for addition.

$$\begin{array}{r} 157 \\ + 188 \\ \hline \end{array}$$

$$\begin{array}{r} 252 \\ + 679 \\ \hline \end{array}$$

$$\begin{array}{r} 399 \\ + 411 \\ \hline \end{array}$$

$$\begin{array}{r} 676 \\ + 297 \\ \hline \end{array}$$

- 2** Alonzo used the traditional algorithm to solve the problem below.

$$\begin{array}{r} 176 \\ + 258 \\ \hline 324 \end{array}$$

- a** Did Alonzo use the algorithm correctly? Explain your answer.
- b** How would you solve $176 + 258$? Show your work.

- 3** Patricia used the traditional algorithm to solve the problem below.

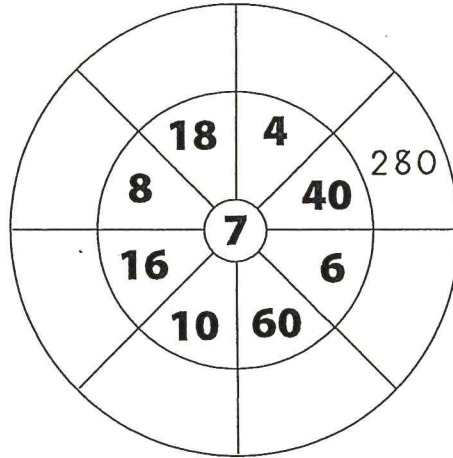
$$\begin{array}{r} 63 \\ 384 \\ + 559 \\ \hline 1411 \end{array}$$

- a** Did Patricia use the algorithm correctly? Explain your answer.
- b** How would you solve $384 + 559$? Show your work.

(continued on next page)

Addition Algorithm & More page 2 of 2**Review**

- 4 Fill in the blanks in the multiple wheel below.



- 5 Fill in the blanks in the equations below.

$$5 \times 20 = 5 \times 2 \times \underline{\hspace{2cm}} \quad 12 \times 30 = 12 \times \underline{\hspace{2cm}} \times 10 \quad 8 \times \underline{\hspace{2cm}} = 8 \times 6 \times 10$$

- 6 Simon wants to add 3 numbers that total 1,000. He starts with these numbers: 567 and 354.

a What is the sum of Simon's first two addends? Show your work.

b What number does Simon need to reach 1,000? Show your work.

- 7 **CHALLENGE** Isabella babysits so she can earn money for a new snowboard. She charges \$6.75 an hour. In April, Isabella babysat for 10 hours on one weekend, 12 hours another weekend, and 20 hours during another weekend. How much money did Isabella earn babysitting in April?