

Name \_\_\_\_\_

**Multiply Using Partial Products****COMMON CORE STANDARD** CC.4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Record the product.

$$\begin{array}{r}
 1. \quad 23 \\
 \times 79 \\
 \hline
 1,400 \\
 210 \\
 180 \\
 + 27 \\
 \hline
 1,817
 \end{array}$$

$$\begin{array}{r}
 2. \quad 56 \\
 \times 32 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 3. \quad 87 \\
 \times 64 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 4. \quad 33 \\
 \times 25 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 5. \quad 94 \\
 \times 12 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6. \quad 51 \\
 \times 77 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 7. \quad 69 \\
 \times 49 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8. \quad 86 \\
 \times 84 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 9. \quad 98 \\
 \times 42 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 10. \quad 73 \\
 \times 37 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 11. \quad 85 \\
 \times 51 \\
 \hline
 \end{array}$$

**Problem Solving** 

12. Evelyn drinks 8 glasses of water a day, which is 56 glasses of water a week. How many glasses of water does she drink in a year? (1 year = 52 weeks)

13. Joe wants to use the Hiking Club's funds to purchase new walking sticks for each of its 19 members. The sticks cost \$26 each. The club has \$480. Is this enough money to buy each member a new walking stick? If not, how much more money is needed?

### Lesson Check (CC.4.NBT.5)

1. A carnival snack booth made \$76 selling popcorn in one day. It made 22 times as much selling cotton candy. How much money did the snack booth make selling cotton candy?  
(A) \$284                      (C) \$1,562  
(B) \$304                      (D) \$1,672
2. What are the partial products of  $42 \times 28$ ?  
(A) 800, 80, 40, 16  
(B) 800, 16  
(C) 800, 40, 320, 16  
(D) 80, 16

### Spiral Review (CC.4.OA.1, CC.4.OA.3, CC.4.NBT.5)

3. Last year, the city library collected 117 used books for its shelves. This year, it collected 3 times as many books. How many books did it collect this year?  
(Lesson 2.1)  
(A) 832  
(B) 428  
(C) 351  
(D) 72
4. Washington Elementary has 232 students. Washington High has 6 times as many students. How many students does Washington High have?  
(Lesson 2.11)  
(A) 1,392  
(B) 1,382  
(C) 1,292  
(D) 1,281
5. What are the partial products of  $35 \times 7$ ?  
(Lesson 2.7)  
(A) 10, 12  
(B) 21, 35  
(C) 210, 35  
(D) 350, 21
6. Shelby has ten \$5 bills and thirteen \$10 bills. How much money does Shelby have in all? (Lesson 2.12)  
(A) \$15  
(B) \$60  
(C) \$63  
(D) \$180