Lesson 3.4

Multiply Using Partial Products

Record the product.

1. \[ 23 \times 79 \]
   \[ 1,400 \]
   \[ 210 \]
   \[ 180 \]
   \[ + 27 \]
   \[ 1,817 \]

2. \[ 56 \times 32 \]

3. \[ 87 \times 64 \]

4. \[ 33 \times 25 \]

5. \[ 94 \times 12 \]

6. \[ 51 \times 77 \]

7. \[ 69 \times 49 \]

8. \[ 86 \times 84 \]

9. \[ 98 \times 42 \]

10. \[ 73 \times 37 \]

11. \[ 85 \times 51 \]

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 (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?

2. List the partial products of $42 \times 28$.

Spiral Review (4.OA.1, 4.OA.3, 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?

4. Washington Elementary has 232 students. Washington High has 6 times as many students. How many students does Washington High have?

5. List the partial products of $35 \times 7$.

6. Shelby has ten $5 bills and thirteen $10 bills. How much money does Shelby have in all?