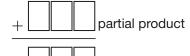
Connecting the Expanded and Standard Algorithms

For 1 through 4, use the expanded algorithm to multiply.

1.

partial product



product

3.

2.

partial product

product



4.

For **5** through **10**, use the standard algorithm to multiply.

5.

6.

7.

8.

9.

10.

11. A commuter van has 38 seats and 14 windows. How many windows are in 6 commuter vans?

A 70

B 84

C 102

D 228

12. Writing to Explain Suppose you had to find 4×57 . How are the expanded algorithm and the standard algorithm alike? How are they different?