



LEVEL D: NGS³ COMPREHENSIVE
PRE/POST ASSESSMENT

- 23 Francois created the number pattern below.

6, 12, 18, 24,.....

What is the algebraic rule that describes the pattern?

- (A) Add 8 to each number.
- (B) Multiply the number before by 6.
- (C) Multiply the number before by 3.
- (D) Add 6 to the number before.
- 24 If the pattern below continues, which expression can be used to find the number of squares in the 5th figure?

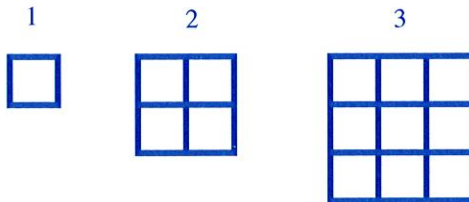
(A) 5×5

(B) $5 + 5$

(C) 5×3

(D) $5 + 3$

(E) $4 + 5$



- 25 Carolyn is packing 72 books to be given away. Each box holds b books. Which expression should Carolyn use to find the number of boxes she needs to pack all the books?

(A) $72b$

(B) $72 + b$

(C) $72 \div b$

(D) $b \div 72$

(E) NH