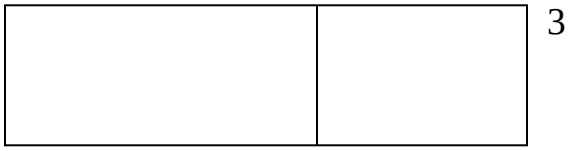
Exploring the Expanded Notation Method

3x26

Step 1: Set up your problem.

26= 20 + 6

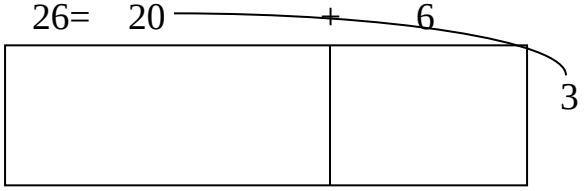


26
x **3**

26= 20 + 6
3

Step 2: Multiply the factors of the first rectangle.

26= 20 + 6

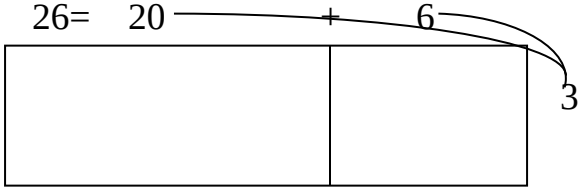


26
x **3**

26= 20 + 6
3
---
3 x 20 = 60

Step 3: Multiply the factors of the second rectangle.

26= 20 + 6

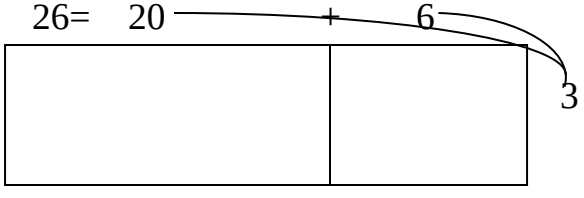


26
x **3**

26= 20 + 6
3
---
3 x 20 = 60
3 x 6 = 18

Step 4: Add the two factors to get your answer.

26= 20 + 6



26
x **3**

26= 20 + 6
3
---
3 x 20 = 60
3 x 6 = 18

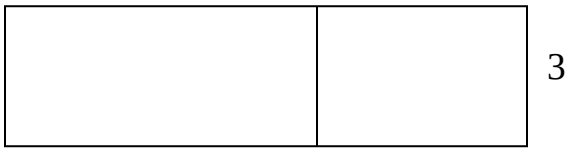
78

Exploring the Algebraic Notation Method

3x26

Step 1: Set up your problem.

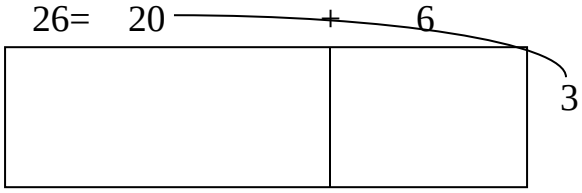
26= 20 + 6



3 x 26= 3 x (20 + 6)

Step 2: Multiply the factors of the first rectangle.

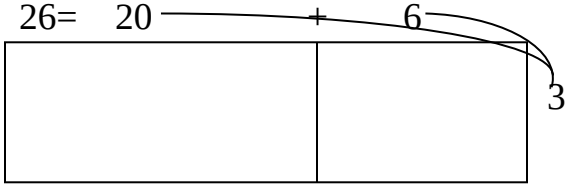
26= 20 + 6



3 x 26 = 3 x (20 + 6)
= 60

Step 3: Multiply the factors of the second rectangle.

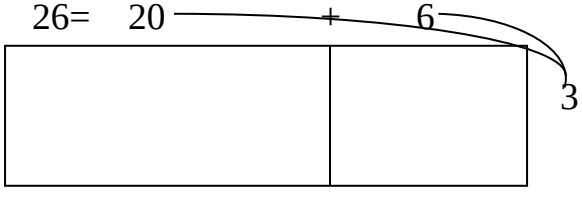
26= 20 + 6



3 x 26= 3 x (20 + 6)
= 60 + 18

Step 3: Add the two factors to get your answer.

26= 20 + 6



3 x 26= 3 x (20 + 6)
= 60 + 18
= 78